REPORT

2025 Annual Groundwater Monitoring and Corrective Action Report

Georgia Power Company - Plant Scherer Ash Pond 1

Submitted to:

Georgia Power Company

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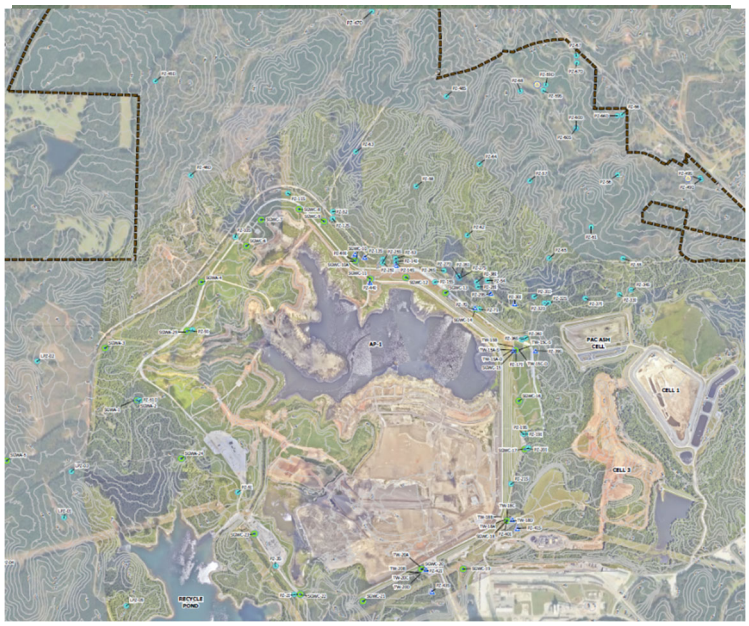
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January 30, 2026

SUMMARY

This *2025 Annual Groundwater Monitoring and Corrective Action Report*, Georgia Power Company - Plant Scherer Ash Pond 1 (AP-1), Juliette, Monroe County, Georgia (GA), was prepared to document groundwater monitoring activities from January 1 through December 31, 2025 for AP-1. Groundwater monitoring and reporting for AP-1 is performed by WSP USA Inc. (WSP) in accordance with the United States Environmental Protection Agency (US EPA) Coal Combustion Residuals (CCR) Rule published in the Code of Federal Regulations (CFR) Title 40 Part 257 (40 CFR Part 257, Subpart D) dated April 17, 2015, and revised July 2018, 40 CFR § 257.90 through § 257.98. As required in 40 CFR § 257.90(e), this annual report describes the status of the groundwater monitoring program, summarizes key actions completed, and presents projected key activities for the upcoming reporting period at AP-1. Other CCR Landfill units on-site at Plant Scherer (Cell 1 and PAC Ash Cell) are reported separately.

Plant Scherer is a coal-fired power generation facility located in northeast Monroe County approximately 5 miles south of Juliette, GA. The property occupies approximately 13,000 acres and is bounded on the south by Lake Juliette. The planned closure of the AP-1 unit includes consolidation and capping of the ash within the 550-acre unit to a smaller footprint covering approximately 300 acres.



Plant Scherer Ash Pond 1

Groundwater at AP-1 is monitored with a comprehensive well network system comprised of upgradient and downgradient wells that meets federal and state monitoring requirements. Routine sampling and reporting for AP-1 began after background groundwater conditions were established for Appendix III and IV constituents between 2016 and 2018. Based on groundwater conditions at the Site, an assessment monitoring program was established for AP-1 in accordance with § 257.95 on May 15, 2018.

During the 2025 semi-annual and annual reporting periods, AP-1 remained in assessment monitoring. Groundwater elevation measurements were recorded at AP-1 monitoring wells within a 24-hour period prior to each sampling event. The elevation data were used to confirm the groundwater flow direction, and to confirm that the groundwater monitoring well network for the CCR unit effectively monitors groundwater downgradient of the unit.

The groundwater semi-annual monitoring events for AP-1 were conducted in February 2025 (first semi-annual); and July 2025 (second semi-annual). Groundwater samples were collected and analyzed for both Appendix III and Appendix IV constituents from each of the Site monitoring wells. Two piezometers (PZ-70 and PZ-71) were installed in June 2025 to delineate horizontal and vertical extent of cobalt at well SGWC-14. Piezometers PZ-29S and PZ-30I were redesignated as assessment wells to delineate the horizontal extent of cobalt at well SGWC-14.

Sample collection at these locations began in September 2025. Detection well SGWC-10A was installed in September 2025 to replace SGWC-10, which had gone dry during dewatering of AP-1. Sample collection at replacement well SGWC-10A will begin in February 2026.

Analytical data from the February, July, September, and October 2025 monitoring event has been statistically analyzed in accordance with the Site's certified statistical analysis method. For the February 2025 semi-annual monitoring event, statistical analyses indicate statistically significant increases (SSIs) above the prediction limit and statistically significant levels (SSLs) above the groundwater protection standard for specific Appendix III and Appendix IV constituents as summarized below. The AP-1 well network remains in assessment monitoring.

Appendix III Constituent	Prediction Limit SSIs, February 2025
Boron	SGWC-9, SGWC-10, SGWC-11, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, SGWC-23
Calcium	SGWC-8, SGWC-9, SGWC-12, SGWC-13, SGWC-14, SGWC-17, SGWC-18, SGWC-19, SGWC-21, SGWC-22
Chloride	SGWC-7, SGWC-8, SGWC-9, SGWC-10, SGWC-11, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-19, SGWC-21, SGWC-22, SGWC-23
Fluoride	SGWC-7
pH	SGWC-15, SGWC-18, SGWC-20
Sulfate	SGWC-7, SGWC-8, SGWC-9, SGWC-10, SGWC-11, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, SGWC-23
TDS	SGWC-8, SGWC-9, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22
Appendix IV Constituent	**Confidence Interval SSLs, February 2025**
Cobalt	SGWC-10, SGWC-11, SGWC-14, SGWC-15, SGWC-18, SGWC-20
Appendix III Constituent	**Prediction Limit SSIs, July, September, October 2025**
Boron	SGWC-9, SGWC-10, SGWC-11, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, SGWC-23
Calcium	SGWC-8, SGWC-9, SGWC-12, SGWC-13, SGWC-14, SGWC-17, SGWC-18, SGWC-19, SGWC-21
Chloride	SGWC-8, SGWC-9, SGWC-10, SGWC-11, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, SGWC-23
Fluoride	SGWC-7, SGWC-8
pH	SGWC-11, SGWC-15, SGWC-16, SGWC-18, SGWC-20
Sulfate	SGWC-7, SGWC-8, SGWC-9, SGWC-10, SGWC-11, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, SGWC-23

Appendix III Constituent	Prediction Limit SSIs, July, September, October 2025
TDS	SGWC-7, SGWC-8, SGWC-9, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, SGWC-23
Appendix IV Constituent	**Prediction Limit SSIs, July, September, October 2025**
Cobalt	SGWC-10, SGWC-11, SGWC-14, SGWC-15, SGWC-18, SGWC-20

In response to the SSLs of cobalt, Georgia Power initiated an assessment of corrective measures (ACM) on November 18, 2021, and prepared an ACM Report on April 15, 2022. Georgia Power will continue through the ACM evaluation following the timelines and requirements of Georgia (GA) Environmental Protection Division (EPD) Rules of Solid Waste Management 391-3-4-.10 (Georgia CCR Rule) and 40 CFR § 257.96. Pursuant to the requirements of § 257.96 a semi-annual report on the progress of remedy selection has been documented herein. A draft Remedy Selection Report will be submitted to Georgia EPD in February 2026. For this reason, a Remedy Selection and Design Progress Report is not included in this *2025 Annual Groundwater Monitoring and Corrective Action Report*. Going forward, the status of the Remedy Selection progress will be documented within each semi-annual monitoring report until such progress reporting is no longer required.

Based on review of the Appendix III and Appendix IV statistical results completed for the groundwater monitoring and corrective action program during the 2025 reporting period, the Site will remain in assessment monitoring. Georgia Power will continue routine groundwater monitoring and reporting at the Site. Reports will be posted to the website and provided to GA EPD semi-annually.

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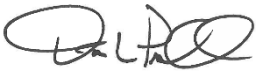
Appendix E: Statistical Analyses

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Certification

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

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1.0 INTRODUCTION

In accordance with the United States (US) Environmental Protection Agency (EPA) Coal Combustion Residuals (CCR) Rule 40 Code of Federal Regulations (CFR) 257 Subpart D and the Georgia (GA) Environmental Protection Division (EPD) Rules of Solid Waste Management 391-3-4-.10 (Georgia CCR Rule), WSP USA Inc. (WSP) has prepared this *Annual Groundwater Monitoring and Corrective Action Report* to document groundwater monitoring activities performed from January to December 2025 at Georgia Power's Plant Scherer (Scherer) Ash Pond 1 (AP-1, Site). For ease of reference, the US EPA CCR Rule is cited within this report.

This report includes the results of the first and second semi-annual monitoring events conducted in February and July 2025; and two wells were resampled for cobalt in September 2025 to verify the sample results from July 2025. Two piezometers were converted to assessment wells (PZ-29S and PZ-30I) and sampled in October 2025 for delineation at SGWC-14. Analytical results show that cobalt is horizontally and vertically delineated for cobalt in the vicinity of well SGWC-14.

Due to statistically significant increases (SSIs) of Appendix III parameters, Georgia Power initiated an assessment monitoring program for AP-1 in 2018. An Alternate Source Demonstration (ASD) was submitted to GA EPD on January 14, 2019, to address statistically significant levels (SSLs) of cobalt identified at wells SGWC-10, SGWC-11, SGWC-15, SGWC-18, and SGWC-20. Following review of the ASD report, GA EPD issued a notice of non-concurrence, dated August 2021, which acknowledged that cobalt is naturally occurring in groundwater but required additional lines of evidence for approval. Following receipt of GA EPD's notice, Georgia Power initiated an assessment of corrective measures (ACM) on November 18, 2021. Georgia Power is performing an ACM following the timelines and requirements of Georgia CCR Rule 391-3-4-.10(6)(a) and 40 CFR § 257.96. Pursuant to § 257.96(b), Georgia Power continues to monitor groundwater at AP-1 in accordance with the assessment monitoring program established for the unit in 2018, including semi-annual monitoring and reporting.

The following sections describe the Site setting and monitoring program, analytical data collected from the most recent sampling events, statistical analysis of the data, a description of groundwater flow direction and rate, and a discussion of the current findings with relevant conclusions and recommendations for future monitoring activities at the Site.

1.1 Site Description and Background

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

CCR produced from power generation has historically been stored in AP-1. Figure 2 depicts the general configuration of AP-1 and Site monitoring wells. As of 2019, AP-1 no longer received CCR and as of October 30, 2020, AP-1 no longer received non-CCR waste streams. A permit application for closure of AP-1 was submitted to GA EPD, last updated in October 2022, and is currently under review.

Plant Scherer is located within the Piedmont Physiographic Province of central Georgia, which is characterized by gently rolling hills and narrow valleys, with locally pronounced linear ridges. Overall, the property slopes gently south toward Lake Juliette and east toward the Ocmulgee River (Figure 1). AP-1 is located on a topographically high area, with several relatively small, intermittent, and perennial creeks and streams surrounding the pond.

Several isolated hilltops occur west of the pond and represent topographic high points on the Site. Topographic relief across the Site is greater than 200 feet, with a natural topographic high of over 570 feet above North American Vertical Datum of 1988 (feet NAVD 88) occurring along the ridge west of AP-1, and a topographic low of less than 370 feet NAVD 88 in the eastern portion of the Site near Berry Creek.

1.2 Regional and Site Geology and Hydrogeologic Setting

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

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

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

Locally, boring logs and monitoring/piezometer installation logs were used to evaluate the hydrostratigraphy of the Site. Material types identified included residual soils, saprolitic soils, saprolitic rock (or partially weathered rock if blow counts were provided), transitionally weathered rock; all of which are referred to as overburden overlying the competent bedrock below. Residual and soils, primarily sandy silt, silty sand, sandy clay, and silty clay occur as a variably thick blanket overlying bedrock across most of the Site. The thickness of the soil encountered in the borings is variable, ranging from little to no soil where outcrop is encountered at the surface, to as much at 168 feet. Thickness of saprolitic soils /or saprolitic rock are also variable across the Site. The saturated thickness of the overburden material ranges from 2 feet to over 40 feet.

Based on a review of boring and well construction logs, the screen sections and filter pack intervals for most of the piezometers and monitoring wells installed at the Site are located within the overburden. Based on groundwater elevations, groundwater generally flows from the west and northwest towards AP-1 and then radially (following topography) away from the ridge to the northeast and east, southeast, and south and southwesterly directions across the Site. This groundwater flow pattern is consistent with historical observations. The direction and gradient of topography and groundwater surface suggest and support an unconfined, phreatic or water table aquifer generally within the overburden.

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

1.3 Groundwater Monitoring Well Network

A groundwater monitoring system was installed within the uppermost aquifer at Plant Scherer AP-1 in accordance with § 257.91 (Golder, 2018). The monitoring system is intended to monitor groundwater passing the waste boundary of AP-1 within the uppermost aquifer. Wells are located upgradient and downgradient of AP-1 based on groundwater flow direction inferred from the potentiometric surface elevation contour maps. A network of 25 wells is in place for groundwater monitoring near AP-1. Assessment wells monitor the horizontal and vertical limits of cobalt concentrations exceeding the groundwater protection standard (GWPS). Table 1 includes the pertinent construction details for the AP-1 monitoring well and assessment well network at Plant Scherer.

A series of groundwater piezometers have also been installed at the Site for gauging groundwater elevations. Table 1 also includes pertinent construction details for the AP-1 piezometers. Landfill Cell 1 and PAC Ash Cell wells are discussed in a separate report. The detection monitoring well network has been certified by a Registered Professional Engineer in Georgia and notice of that certification has been placed in the Plant Scherer Operating Record.

2.0 GROUNDWATER MONITORING ACTIVITIES

In accordance with 40 CFR § 257.90(e), the following subsections describe monitoring-related activities performed during the 2025 monitoring period and presents the status of the monitoring program. Groundwater sampling was performed in accordance with 40 CFR § 257.93. Samples were collected from each well in the certified groundwater monitoring well system. The location of each of these monitoring wells is shown on Figure 2. Table 2 presents a summary of groundwater sampling events completed for AP-1 in 2025. Field Data Forms and Instrument Calibration Forms for the semi-annual events in 2025 are included in Appendix A. Analytical results, laboratory accreditation, and data validation summaries are included in Appendix B.

2.1 Monitoring Well Installation and Maintenance

The 2025 field activities included visual inspection of well conditions prior to sampling, recording conditions around each well, and performing exterior maintenance to provide safe access for sampling. Monitoring wells are inspected semi-annually (February and July 2025) to determine if any repairs or corrective actions are necessary to meet the requirements of the Georgia Water Well Standards Act (O.C.G.A. § 12-5-134(5)(d)(vii)). The well condition inspection forms from each sampling event are included in Appendix C.

Two groundwater protection standard (wells (PZ-70 and PZ-71) were installed in June 2025 for delineation of cobalt near SGWC-14. An installation report has been submitted to Georgia EPD and is included in Appendix F (WSP, 2025c). During this reporting period, existing piezometers PZ-29S and PZ-30I were selected to function as assessment monitoring wells to horizontally delineate cobalt concentrations downgradient of detection monitoring well SGWC-14.

New detection monitoring well SGWC-10A was installed in September 2025. SGWC-10A replaces well SGWC-10 which had become dry from the dewatering activities. The well installation report for SGWC-10A is provided in Appendix F (WSP, 2025e).

2.2 Assessment Monitoring

Pursuant to § 257.94(e)(3), an assessment monitoring program has been established for AP-1 at Plant Scherer based on statistically significant increases. A notice of assessment monitoring was placed in the Plant Scherer Operating Record on May 15, 2018.

The groundwater sampling events were conducted for AP-1 in February, July, September, and October 2025. Samples were collected from each well in the certified monitoring network as well as those in the assessment monitoring network presented in Table 1. Table 2 presents a summary of groundwater sampling events completed for AP-1 and the status of the monitoring network.

During the February and July semi-annual sampling events, groundwater samples were collected for Appendix III and Appendix IV constituents. Piezometers PZ-70 and PZ-71 were sampled in July and September 2025. The July samples from PZ-70 and PZ-71 were analyzed for the Appendix III and Appendix IV constituents and supplemental ions, and the September samples were analyzed for select parameters, including dissolved cobalt. Newly designated assessment wells PZ-29S and PZ-30I were sampled in October 2025 for Appendix III and Appendix IV constituents. These four wells were used to delineate cobalt concentrations downgradient of detection well SGWC-14. Results of the sampling activities conducted during calendar year 2025 are discussed in Section 5.0, and the data are presented in Appendix B.

Groundwater samples collected from the detection and assessment monitoring well networks in February and July 2025 were also analyzed for supplemental ions (magnesium, manganese, potassium, sodium, total and bicarbonate alkalinity, sulfide, and iron) to support the evaluation of corrective measures.

2.3 Supplemental Sampling

Additional monitoring as recommended by the Risk Evaluation Report (Wood, 2021) was also completed at Site piezometers PZ-25S and PZ-25I. The results are summarized in Tables 5A and 5B and the laboratory reports are provided in Appendix B.

2.4 Annual Water Well Survey

A potable well survey of potential groundwater wells within a two-mile radius of AP-1 was conducted in August 2025 and consisted of reviewing federal, state, and county records, and online resources and procuring an Environmental Data Resources (EDR) report, which is included in Appendix D. Additional federal, state, and county records and online sources outside of the EDR survey were reviewed by WSP. The findings from the August 2025 water well survey are consistent with the 2024 water well survey (WSP, 2025a and WSP, 2025b).

3.0 SAMPLE METHODOLOGY AND ANALYSIS

Semi-annual groundwater sampling events were conducted for AP-1 in February and July 2025. Sampling of new wells was conducted in September and October 2025. During the 2025 semi-annual sampling events, groundwater samples were collected for Appendix III constituents and Appendix IV constituents along with supplemental ions from each detection and assessment monitoring wells. Results of sampling activities conducted in 2025 are presented in Appendix B.

3.1 Groundwater Level Measurements

Groundwater elevations were recorded on February 18, 2025 and July 22, 2025 from the Site monitoring wells and piezometers. Water levels from each of the monitoring events are provided in Table 3. Review of Table 3 shows an overall decrease in groundwater elevations between the February 2025 and July 2025 monitoring events. The recorded water level data from the semi-annual monitoring events were used to develop a potentiometric surface elevation contour map as presented on Figures 3A and 3B. The groundwater flow directions shown on Figures 3A and 3B are inferred from the potentiometric surface, indicating that groundwater generally flows from the west and northwest towards AP-1 and then radially (following topography) away from the ridge to the northeast and east, southeast and south, and southwesterly directions across the Site. This groundwater flow pattern is consistent with historical observations. The consistent correlation in direction and gradient of topography and groundwater surface suggests and supports an unconfined, phreatic or water table aquifer within the overburden.

Dewatering of AP-1 commenced in March 2025. Along the northern boundary of AP-1, in the vicinity of wells SGWC-10 and SGWC-11, groundwater flow is toward AP-1 (Figure 3B). The remaining detection and assessment monitoring wells continue to show an outward gradient away from AP-1. As dewatering continues, we anticipate a temporary change in flow direction toward the pond, particularly along the north/northeast boundary of AP-1.

3.2 Groundwater Gradient and Flow Velocity

Groundwater flow rates at the Site were calculated based on hydraulic gradients, hydraulic conductivity from previous slug test results, and an estimated effective porosity of the screened horizon. Based on available slug test data, an average hydraulic conductivity of approximately 2.27 feet per day and a median value of 1.29 feet per day (ft/day) are used in the flow calculations. The hydraulic gradient was calculated between well pairs shown on Tables 4A and 4B. An effective porosity of 0.2 was used based on the default values for effective porosity recommended by US EPA for a silty sand-type soil (US EPA, 1996).

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

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

Where:

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

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

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

$n_e =$ Effective porosity

Using this equation and groundwater elevation data from February and July 2025, horizontal groundwater velocities are calculated for various areas of the Site and are tabulated on Tables 4A and 4B.

As presented on Tables 4A and 4B, groundwater flow velocities across AP-1 range from approximately 0.05 feet/day (16 feet/year) to 0.24 feet/day (87 feet/year) in February 2025, and from approximately 0.03 feet/day (9 feet/year) to 0.22 feet/day (79 feet/year) in July 2025. These calculated groundwater velocities across AP-1 are consistent with historical calculations.

3.3 Groundwater Sampling

Groundwater samples were collected in accordance with § 257.93(a). Monitoring wells were purged and sampled using low-flow sampling procedures. Dedicated and/or non-dedicated peristaltic and low-flow pneumatic bladder pumps were used to purge and sample the wells. Non-dedicated equipment was decontaminated in accordance with US EPA Region 4 standard operating procedures (US EPA, 2020a). During purging of each well, field measurements of temperature, specific conductance, dissolved oxygen (DO), pH, and oxidation-reduction potential (ORP) were recorded using a SmarTroll© (an In-Situ® field instrument) or an Aqua TROLL 400 along with a separate turbidity meter to verify stabilization.

Groundwater samples were collected when the following general stabilization criteria were met:

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

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

3.4 Laboratory Analyses

Groundwater samples were collected during each of the two semi-annual groundwater monitoring events in 2025 (February and July 2025). Because AP-1 is currently in assessment monitoring, groundwater samples from AP-1 detection and assessment monitoring wells were analyzed for Appendix III and Appendix IV monitoring parameters per 40 CFR Parts 257. Supplemental wells, PZ-25S and PZ-25I were analyzed for select parameters in February and July 2025. Groundwater samples were also analyzed for supplemental ions (magnesium, manganese, potassium, sodium, sulfide, total and bicarbonate alkalinity, and iron). Tables 5A and 5B present tabulated summaries of the 2025 sampling results.

The required laboratory analyses were performed by Eurofins Environmental Testing (Eurofins) locations in St. Louis, Missouri and Savannah and Atlanta, Georgia. Eurofins is accredited by National Environmental Laboratory Accreditation Program (NELAP) and maintain a NELAP certification for all parameters analyzed for this project. Groundwater data and chain of custody records for the monitoring event are presented in Appendix B.

3.5 Quality Assurance and Quality Control Summary

During each sampling event, quality assurance/quality control (QA/QC) samples are collected at a rate of at least one sample per every 10 samples. Equipment blanks (where non-dedicated sampling equipment is used), field

blanks, and duplicate samples were also collected during each sampling event. QA/QC sample data were evaluated during data validation and are included in Appendix B.

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

Groundwater quality data in this report were independently validated in accordance with US EPA Region 4 Data Validation Standard Operating Procedures (US EPA, 2011), National Functional Guidelines for Inorganic Superfund Methods Data Review (US EPA, 2020b) US Department of Energy, Evaluation of Radiochemical Data Usability (Paar, 1997) and the analytical methods. Data validation generally consisted of reviewing sample integrity, holding times, laboratory method blanks, laboratory control samples, matrix spikes/matrix spike duplicate recoveries and relative percent differences (RPDs), laboratory, and field duplicate RPDs, field and equipment blanks, and reporting limits. Where appropriate, validation qualifiers and flags were applied to the data per US EPA procedures and guidance. Data validation summary reports prepared by WSP are included in Appendix B. Flagged data identified in the statistical analysis reports are described in the following section. The validated data meet project objectives, and the results are presented in Tables 5A and 5B.

4.0 STATISTICAL ANALYSES

Statistical analysis of Appendix III and Appendix IV groundwater monitoring data was performed pursuant to § 257.93-95 following the established statistical method for AP-1.

4.1 Statistical Method

The selected statistical method for AP-1 was developed in accordance with § 257.93(f) using methodology presented in *Statistical Analysis of Groundwater Data at RCRA Facilities*, Unified Guidance, US EPA 530/R-09-007 (Unified Guidance; US EPA March 2009). Sanitas Statistical Software (Sanitas™) was used to perform the statistical analyses of groundwater data. Sanitas™ is a decision-support software package that incorporates the statistical tests required of Subtitle C and D facilities by US EPA regulations and guidance as recommended in the Unified Guidance (US EPA, 2009). A summary table of the statistical results accompanies the prediction limits for Appendix III and confidence intervals for Appendix IV in Appendix E.

Based on a recent re-evaluation by Groundwater Stats Consulting, the background data periods for cobalt at SGWA-1 and SGWA-25 have been truncated to exclude historical concentrations that are no longer representative of current background conditions. The revised background periods for statistical analyses of cobalt include data from October 15, 2018 through the most recent event (July 2025) at SGWA-1 and data from September 14, 2020 through the most recent event (July 2025) at SGWA-25. This truncation of the background data period for wells SGWA-1 and SGWA-25 has resulted in a lower GWPS.

4.1.1 Appendix III Statistical Methods

For Appendix III constituents, groundwater monitoring data was statistically evaluated using interwell prediction limits. The Sen’s Slope/Mann Kendall trend test was also performed to evaluate concentrations over time and determine whether concentrations are statistically increasing, decreasing, or stabilizing.

4.1.2 Appendix IV Assessment Monitoring Statistical Methods

For the Assessment Monitoring Program (Appendix IV constituents), parametric tolerance limits were used to calculate site specific background limits from pooled upgradient well data for Appendix IV parameters with a target of 95% confidence and 95% coverage. The confidence and coverage levels for nonparametric tolerance limits are dependent upon the number of background samples. The background limits were then used when determining the groundwater protection standard (GWPS) under 40 CFR § 257.95(h) and Georgia EPD Rule 391-3-4-.10(6)(a).

As described in 40 CFR 257.95(h)(1-3), adopted in GA EPD Rule 391-3-4-.10(6)(a) the GWPS is:

- The maximum contaminant level (MCL) established under 40 CFR §§ 141.62 and 141.66;
- Where an MCL has not been established, the Federal rule specified limits specified for cobalt (0.006 mg/L), lead (0.015 mg/L), lithium (0.040 mg/L), or molybdenum (0.100 mg/L); or
- The respective background level for a constituent when the background level is higher than the MCL or rule-identified GWPS.

Consistent with applicable regulatory requirements, GWPS were established for statistical comparison of Appendix IV constituents. Table 6 summarizes the background limit established and the corresponding GWPS for each constituent.

To complete the statistical comparison to GWPS, confidence intervals were constructed for each of the Appendix IV parameters in each downgradient well. Those confidence intervals were compared to the GWPS established per both the State and Federal rules. Only when the entire confidence interval is above a GWPS is the well/constituent pair considered to be above its respective standard and to be an SSL.

Tolerance limits for confidence interval calculations are updated to include current data for each of the events. Due to varying reporting limits in background samples, the most recent reporting limit is used when a result is below detection limits.

4.2 Statistical Analysis Results

Analytical data from the first semi-annual monitoring event conducted in February 2025 have been statistically analyzed in accordance with the Statistical Analysis Plan for AP-1. The statistical results of the February 2025 monitoring event are included in Appendix E.

4.2.1 First Semi-Annual 2025 – Appendix III Statistical Results

Based on statistical results presented in Appendix E, SSIs of boron, calcium, chloride, fluoride, pH, sulfate, and total dissolved solids (TDS) at various wells were identified following the February 2025 semi-annual monitoring event. A detailed list of the noted SSIs is provided in Appendix E. Based on review of the Appendix III statistical analyses results; assessment monitoring will continue pursuant to 40 CFR 257.94(f).

4.2.2 First Semi-Annual 2025 – Appendix IV Statistical Results

Analytical data from the February 2025 monitoring event at AP-1 have been statistically analyzed in accordance with the certified statistical analysis method for AP-1. Review of the statistical results indicates the following SSLs above the GWPS established according to both 40 CFR § 257.95(h) and 391-3-4-.10(6)(a):

AP-1 Confidence Interval Statistically Significant Level Exceedances February 2025	
Appendix IV Parameter	**AP-1 Monitoring Well**
Cobalt	SGWC-10, SGWC-11, SGWC-14[1], SGWC-15, SGWC-18, and SGWC-20

Note:
[1] As a result of the lower GWPS calculated for cobalt, a new SSL of cobalt was identified at monitoring well SGWC-14. This well has been added to the assessment of corrective measures evaluation for the site.

4.2.3 First Semi-Annual 2025 Trend Evaluation

February 2025 results for cobalt were further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are significantly increasing or decreasing. Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the Site which is an indication of natural variability in groundwater. Results of trend analyses for cobalt are presented in the February 2025 Statistical Package in Appendix E. Statistically significant trends were noted for the following well/constituent pairs:

Increasing Trends (Cobalt)	**Decreasing Trends (Cobalt)**
None	SGWA-1 (upgradient) SGWA-25 (upgradient), SGWC-11, SGWC-18, and SGWC-20

4.2.4 Second Semi-Annual 2025 – Appendix III Statistical Results

Based on statistical results presented in Appendix E, SSIs of boron, calcium, chloride, fluoride, pH, sulfate, and total dissolved solids (TDS) at various wells were identified following the July 2025 semi-annual monitoring event. A detailed list of the noted SSIs is provided in Appendix E. Based on review of the Appendix III statistical analyses results; assessment monitoring will continue pursuant to 40 CFR 257.94(f).

4.2.5 Second Semi-Annual 2025 – Appendix IV Statistical Results

Analytical data from the July 2025 monitoring event at AP-1 have been statistically analyzed in accordance with the certified statistical analysis method for AP-1. Review of the statistical results indicates the following SSLs above the GWPS established according to both 40 CFR § 257.95(h) and 391-3-4-.10(6)(a):

AP-1 Confidence Interval Statistically Significant Level Exceedances July 2025	
Appendix IV Parameter	**AP-1 Monitoring Well**
Cobalt	SGWC-10, SGWC-11, SGWC-14, SGWC-15, SGWC-18, and SGWC-20

4.2.6 Second Semi-Annual 2025 Trend Evaluation

July 2025 results for cobalt were further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are significantly increasing or decreasing. Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the Site which is an indication of natural variability in groundwater. Results of trend analyses for cobalt are presented in the July-October 2025 Statistical Package in Appendix E. Statistically significant trends were noted for the following well/constituent pairs:

Increasing Trends (Cobalt)	Decreasing Trends (Cobalt)
None	SGWC-11, SGWC-18, and SGWC-20

5.0 ASSESSMENT MONITORING AND DELINEATION STATUS

CCR compliance groundwater monitoring activities have been performed for AP-1 since September 2016 pursuant to the CCR rule. Georgia Power initiated an assessment monitoring program in May 2018 after identifying SSIs of Appendix III parameters in groundwater. Pursuant to § 257.95, samples were collected from the compliance monitoring wells and analyzed for Appendix IV constituents.

In accordance with Section 21.1.1 of the Unified Guidance (US EPA, 2009), four independent data points are the minimum population size recommended to construct confidence intervals required to assess SSLs for Appendix IV constituents. For each of the detection and assessment monitoring wells, statistical analyses have been performed and are discussed above in Section 4.0 and included in Appendix E.

To characterize the nature and extent of cobalt SSLs, multiple piezometers have been installed and sampled at the Site (WSP, 2025d); refer to the table below for constituent delineation status. Specific details regarding the delineation status at AP-1, including isoconcentration contours for cobalt, are shown on Figures 4A to 4H.

Detection/Assessment Monitoring Well with SSL	Constituent of Concern	Vertical Delineation Well	Horizontal Delineation Well Location
SGWC-10	Cobalt	PZ-69I	PZ-13S
SGWC-11	Cobalt	PZ-44I	PZ-14S
SGWC-14	Cobalt	PZ-70	PZ-29S
SGWC-15	Cobalt	PZ-17I	PZ-39S
SGWC-18	Cobalt	PZ-40I	PZ-41S
SGWC-20	Cobalt	PZ-42I	PZ-43S

[1] Monitoring well SGWC-10 had gone dry during dewatering of AP-1 and was replaced with new well, SGWC-10A, installed September 10, 2025. Statistical analyses of data from SGWC-10A are pending a minimum number of data points. Georgia Power will continue to evaluate corrective measures in this area.

Horizontal and vertical delineation is complete on site, pending collection of a minimum number of data points for statistical analyses at well SGWC-14, based on review of analytical results, statistical analyses and the isoconcentration contours (Figures 4A to 4H). Well PZ-70 delineated the vertical extent of cobalt at SGWC-14 and well PZ-29S delineated the horizontal extent of cobalt at SGWC-14. Additionally, PZ-30I that is screened at depths comparable to vertical assessment well PZ-70, showed cobalt concentrations well below the GWPS for cobalt. The September and October 2025 analytical results from PZ-70, PZ-29S, and PZ-30I indicate the cobalt SSL at SGWC-14 is delineated. Each of the assessment monitoring wells will continue to be monitored and evaluated to determine the need for further action.

6.0 ASSESSMENT OF CORRECTIVE MEASURES

On November 18, 2021, Georgia Power initiated the ACM for cobalt and documented the ACM report in the operating record on April 15, 2022. Georgia Power will complete the evaluation of ACM alternatives following the timelines and requirements of Rule 394-3-4-.10(6)(d)4 and § 257.96 and § 257.94(e)(3).

In accordance with 40 CFR § 257.97(a), remedy selection progress reports have previously been prepared and submitted to document results associated with additional data collection, and present progress toward selection and design of a groundwater remedy. A Draft Remedy Selection Report will be submitted to GA EPD in February 2026. The Draft Remedy Selection Report will include the following:

- The current groundwater conceptual site model applicable to evaluating groundwater corrective measures proposed in the ACM Report (Golder 2022);
- An assessment of corrective action investigations completed;
- An evaluation of each corrective measure retained for further consideration following the completed investigations;
- A comparison of corrective measure options using the comparative criteria such as long- and short-term effectiveness and protectiveness, source control effectiveness and ease of implementation; and
- A summary of the proposed corrective measure, or measures for AP-1.

A Draft Remedy Selection Report will be submitted to Georgia EPD in February 2026. Starting this reporting period and going forward, a summary of ongoing remedy selection progress will be included in the semi-annual groundwater monitoring report. The summary for 2025 is as follows*:*

- Detection monitoring well SGWC-10A was installed to replace detection well SGWC-10 that had become dry during de-watering operations.
- Assessment wells PZ-70 and PZ-71 were installed and sampled to delineate cobalt at detection well SGWC-14.
- Soils were collected from several soil borings at multiple locations near the site wells with SSLs for cobalt to test the performance of potential in-situ injectate amendments to remove cobalt from groundwater. The results of the bench tests will be reported in the Geochemical Site Model (GCSM) included in the Draft Remedy Selection Report.
- Groundwater sample(s) from SGWC-15 were collected for column testing of various reagents for treatment of cobalt in groundwater at the Site. The results will be reported in the GCSM.

7.0 MONITORING PROGRAM STATUS

Statistical evaluations of the groundwater monitoring well data for AP-1 confirm SSIs of Appendix III groundwater monitoring parameters above background and SSLs of Appendix IV groundwater monitoring parameter (cobalt) above the GWPS. AP-1 will continue to be monitored in accordance with the assessment monitoring program pursuant to 40 CFR § 257.95. On November 18, 2021, Georgia Power initiated an ACM per Georgia CCR Rule 391-3-4-.10(6)(a) and § 257.96 to address the concentrations of cobalt in the Site groundwater. Pursuant to 40

CFR 257.95(g)(1)(iv), the assessment wells continue to be sampled as part of the ongoing semi-annual assessment monitoring program and the assessment of corrective measures.

8.0 CONCLUSIONS AND FUTURE ACTIONS

This *2025 Annual Groundwater Monitoring and Corrective Action Report*, Georgia Power Company - Plant Scherer Ash Pond 1 was prepared to fulfill the requirements of US EPA's 40 CFR § 257.95 and GA EPD's 391-3-4-.10. The groundwater flow direction interpreted during this event is consistent with historical evaluations.

Review of analytical results and statistical analyses developed for AP-1 indicates statistical exceedances of cobalt identified during both semi-annual events for 2025. Cobalt concentrations have shown statistically decreasing concentrations in three of the six wells (SGWC-11, SGWC-18, SGWC-20) with cobalt SSLs and no significant trend in the other three wells (SGWC-10, SGWC-14, SGWC-15). Groundwater data presented in this report are consistent with previous evaluations. The monitoring well network continues to effectively monitor the uppermost aquifer beneath AP-1 and compliance monitoring will be conducted in accordance with § 257.94 and § 257.95.

Georgia Power also plans to proactively utilize adaptive site management to support the remedial strategy and address potential changes in Site conditions, as appropriate and with the approval of GA EPD. Under an adaptive site management strategy, a remedial approach will be selected whereby: (1) a corrective measure will be installed or implemented to address current conditions; (2) the performance of the corrective measure will be monitored, evaluated, and reported semi-annually; (3) the CSM will be updated as more data are collected; and (4) adjustments and augmentations will be made to the corrective measure(s), as needed, to assure that performance criteria and Site remedial objectives are met.

Based on the findings presented herein, assessment groundwater monitoring and the ACM in response to the SSLs of cobalt in Site groundwater will continue for AP-1. The next scheduled sampling event is tentatively scheduled for February 2026. The February 2026 semi-annual assessment monitoring event will meet the requirements of § 257.95(b) and § 257.95(d)(1) and will include sampling and analysis of Appendix III and IV constituents.

9.0 REFERENCES

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Tables

Table 1
Summary of Monitoring Well, Assessment Well and Piezometer Construction Data
Georgia Power Company
Plant Scherer - Ash Pond 1
Monroe County, GA

Well ID	Well Designation	Location	Northing[1] (NAD83)	Easting[1] (NAD83)	Ground Surface Elevation (feet NAVD88)[2]	Top of Casing Elevation (feet NAVD88)[2]	Top of Screen Elevation (feet NAVD88)[2][3]	Bottom of Screen Elevation (feet NAVD88)[2][3]	Total Well Depth (Feet Below Top of Casing) [5]	Groundwater Zone Screened	Installation Date
AP-1 DETECTION MONITORING WELL NETWORK											
SGWA-1	Detection	Upgradient	1119233.10	2399899.81	544.07	546.83	503.57	493.57	53.70	Saprolite	02/11/2015
SGWA-2	Detection	Upgradient	1119237.67	2399908.19	543.95	546.94	458.55	448.55	98.80	Bedrock	02/17/2015
SGWA-3	Detection	Upgradient	1120224.15	2399296.64	542.88	545.83	502.88	492.88	53.00	Saprolite	11/18/2015
SGWA-4	Detection	Upgradient	1121477.05	2401124.64	544.81	547.66	494.31	484.31	63.30	Saprolite	11/17/2015
SGWA-5	Detection	Upgradient	1118088.42	2397426.26	505.73	508.48	485.53	475.53	33.00	Saprolite	11/18/2015
SGWA-24	Detection	Upgradient	1118121.96	2400743.52	489.32	492.38	461.62	451.62	41.20	Saprolite	02/10/2015
SGWA-25	Detection	Upgradient	1120555.28	2400857.08	523.20	526.49	488.60	478.60	48.30	Saprolite	02/18/2015
SGWC-6	Detection	Downgradient	1122167.18	2401979.98	507.67	510.49	492.67	482.67	27.80	Saprolite	11/12/2015
SGWC-7	Detection	Downgradient	1122668.61	2402259.75	503.45	506.40	478.45	468.45	37.90	Bedrock	11/11/2015
SGWC-8	Detection	Downgradient	1122865.98	2402979.50	511.48	514.28	481.48	471.48	42.80	Bedrock	11/10/2015
SGWC-9	Detection	Downgradient	1122634.64	2403455.19	507.63	510.62	482.63	472.63	38.00	Saprolite	11/06/2015
SGWC-10	Detection	Downgradient	1121895.85	2404046.92	506.60	509.41	486.60	476.60	32.80	Saprolite	11/05/2015
SGWC-10A	Detection	Downgradient	1121888.60	2404043.98	506.90	509.49	469.00	459.00	50.86	Saprolite	9/10/2025
SGWC-11	Detection	Downgradient	1121542.11	2404332.12	508.62	511.47	478.62	468.62	42.90	Saprolite	10/29/2015
SGWC-12	Detection	Downgradient	1121576.75	2405009.92	497.70	500.53	460.70	450.70	50.40	Saprolite	10/30/2015
SGWC-13	Detection	Downgradient	1121274.85	2405761.20	479.92	482.71	454.92	444.92	37.80	Saprolite	11/04/2015
SGWC-14	Detection	Downgradient	1120966.13	2406329.89	473.32	476.72	448.52	438.52	38.70	Saprolite	02/24/2015
SGWC-15	Detection	Downgradient	1120191.20	2407093.92	479.66	482.75	444.86	434.86	48.30	Saprolite	02/26/2015
SGWC-16	Detection	Downgradient	1119221.42	2407155.89	457.03	460.31	428.23	418.23	42.50	Saprolite	03/03/2015
SGWC-17	Detection	Downgradient	1118308.77	2407267.44	414.93	418.00	400.83	390.83	27.60	Saprolite	03/11/2015
SGWC-18	Detection	Downgradient	1116947.75	2406931.32	510.31	513.29	476.21	466.21	47.50	Saprolite	03/17/2015
SGWC-19	Detection	Downgradient	1116024.59	2406097.05	475.83	478.94	451.63	441.63	37.70	Saprolite	03/18/2015
SGWC-20	Detection	Downgradient	1116020.73	2405307.67	501.49	504.60	486.49	476.49	28.10	Saprolite	11/19/2015
SGWC-21	Detection	Downgradient	1115409.88	2404197.33	484.67	487.67	470.17	460.17	27.90	Saprolite	05/06/2015
SGWC-22	Detection	Downgradient	1115540.08	2403001.81	515.41	518.02	478.91	468.91	52.70	Saprolite	01/22/2015
SGWC-23	Detection	Downgradient	1116693.80	2402131.07	520.02	523.10	480.72	470.72	52.80	Bedrock	02/03/2015
AP-1 ASSESSMENT MONITORING WELL NETWORK											
PZ-13S	Assessment	Downgradient	1121957.03	2404227.47	517.48	520.51	482.58	472.58	48.30	Saprolite	04/01/2015
PZ-14S	Assessment	Downgradient	1121852.80	2404820.56	508.68	512.13	474.18	464.18	48.40	Saprolite	03/26/2015
PZ-17I	Assessment	Downgradient	1120190.27	2407107.37	479.90	483.03	393.20	383.20	100.40	Bedrock	02/27/2015
PZ-29S	Assessment	Downgradient	1121269.19	2406618.29	488.50	491.31	453.70	443.70	47.80	Saprolite	05/26/2016
PZ-30I	Assessment	Downgradient	1121073.53	2407078.99	475.56	478.31	400.46	390.46	88.10	Bedrock	06/02/2016
PZ-39S	Assessment	Downgradient	1120178.43	2407470.49	471.79	474.58	405.79	395.79	79.20	Saprolite	08/21/2018
PZ-40I	Assessment	Downgradient	1116960.39	2406934.72	510.09	512.55	437.09	427.09	85.90	Bedrock	08/15/2018
PZ-41S	Assessment	Downgradient	1116799.18	2407124.98	488.56	491.50	453.56	443.56	47.90	Saprolite	08/16/2018
PZ-42I	Assessment	Downgradient	1116013.79	2405294.12	500.45	503.18	414.45	404.45	98.70	Bedrock	08/21/2018
PZ-43S	Assessment	Downgradient	1115598.12	2405507.16	501.19	504.03	460.69	450.69	53.30	Saprolite	08/17/2018
PZ-44I	Assessment	Downgradient	1121515.40	2404330.23	507.86	510.36	403.86	393.86	116.50	Bedrock	09/05/2018
PZ-69I	Assessment	Downgradient	1121906.36	2404051.35	506.00	508.85	410.00	400.00	108.90	Bedrock	01/12/2022
PZ-70	Assessment	Downgradient	1120974.87	2406323.71	472.41	476.30	413.35	403.35	72.90	Bedrock	06/05/2025

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Summary of Monitoring Well, Assessment Well and Piezometer Construction Data
Georgia Power Company
Plant Scherer - Ash Pond 1
Monroe County, GA

Well ID	Well Designation	Location	Northing[1] (NAD83)	Easting[1] (NAD83)	Ground Surface Elevation (feet NAVD88)[2]	Top of Casing Elevation (feet NAVD88)[2]	Top of Screen Elevation (feet NAVD88)[2][3]	Bottom of Screen Elevation (feet NAVD88)[2][3]	Total Well Depth (Feet Below Top of Casing) [5]	Groundwater Zone Screened	Installation Date
PIEZOMETERS											
LPZ-01	Piezometer	Upgradient	1117001.58	2398513.19	549.97	553.29	495.97	485.97	69.10	PWR/Bedrock	11/10/2015
LPZ-02	Piezometer	Upgradient	1119972.34	2398004.93	511.07	514.52	501.07	491.07	23.40	Saprolite	11/20/2015
LPZ-03	Piezometer	Upgradient	1117883.86	2398657.00	512.15	515.45	487.15	477.15	38.30	Saprolite	11/18/2015
LPZ-04	Piezometer	Upgradient	1115962.59	2397083.47	458.11	461.24	440.11	430.11	43.10	Saprolite	11/19/2015
LPZ-05	Piezometer	Upgradient	1115328.95	2399698.53	521.51	524.51	479.41	469.41	60.50	Saprolite	11/05/2015
PZ-2I	Piezometer	Downgradient	1115544.85	2402990.76	514.81	517.56	440.91	430.91	87.10	Bedrock	01/27/2015
PZ-3S	Piezometer	Downgradient	1116085.04	2402533.80	514.37	517.29	474.77	464.77	52.90	Saprolite	01/29/2015
PZ-5I	Piezometer	Downgradient	1117484.15	2401816.71	520.63	523.26	484.03	474.03	49.60	Saprolite	02/04/2015
PZ-9I	Piezometer	Upgradient	1120562.72	2400862.76	523.31	526.57	453.51	443.51	83.50	Bedrock	02/19/2015
PZ-10S	Piezometer	Downgradient	1122338.03	2401768.92	514.38	517.53	489.88	479.88	38.10	Saprolite	05/05/2015
PZ-11S	Piezometer	Downgradient	1123169.22	2402767.44	526.04	529.31	490.04	480.04	49.30	Saprolite	04/06/2015
PZ-12S	Piezometer	Downgradient	1122684.90	2403618.46	514.54	517.69	480.54	470.54	47.50	Saprolite	04/01/2015
PZ-14I	Piezometer	Downgradient	1121866.36	2404822.43	509.73	512.89	424.93	414.93	98.40	Bedrock	03/25/2015
PZ-15S	Piezometer	Downgradient	1121486.96	2405558.59	497.44	500.60	467.74	457.74	43.30	Saprolite	04/28/2015
PZ-19I	Piezometer	Downgradient	1118588.47	2407251.56	414.54	417.76	353.04	343.04	75.10	Bedrock	03/04/2015
PZ-19S	Piezometer	Downgradient	1118587.24	2407241.54	414.54	417.80	399.94	389.94	28.30	Saprolite	03/04/2015
PZ-20I	Piezometer	Downgradient	1118318.15	2407273.36	414.31	417.41	345.11	335.11	82.70	Bedrock	03/10/2015
PZ-21S	Piezometer	Downgradient	1117639.19	2407006.52	470.60	473.74	457.60	447.60	26.50	Saprolite	03/12/2015
PZ-25I	Piezometer	Downgradient	1121837.80	2404573.04	525.77	528.39	410.97	400.97	127.60	Saprolite	05/24/2016
PZ-25S	Piezometer	Downgradient	1121848.11	2404567.52	525.48	528.24	480.78	470.68	57.80	Saprolite	05/25/2016
PZ-26S	Piezometer	Downgradient	1121696.65	2405733.23	489.07	491.65	454.27	444.27	47.60	Saprolite	06/01/2016
PZ-27D	Piezometer	Downgradient	1121558.94	2406023.17	472.41	475.43	367.61	347.61	128.00	Bedrock	06/17/2016
PZ-27S	Piezometer	Downgradient	1121565.33	2406028.25	473.13	475.80	438.33	428.33	47.70	PWR	05/26/2016
PZ-28I	Piezometer	Downgradient	1121394.06	2406373.94	481.44	484.18	422.84	412.84	71.50	Bedrock	06/03/2016
PZ-31I	Piezometer	Downgradient	1121204.03	2407445.73	463.96	466.89	399.06	389.06	78.00	Bedrock	06/02/2016
PZ-32D	Piezometer	Downgradient	1121089.64	2407719.37	462.36	465.42	366.56	336.56	129.10	Bedrock	06/01/2016
PZ-32S	Piezometer	Downgradient	1121089.22	2407698.44	462.27	465.06	417.47	407.47	57.80	Saprolite/PWR	06/01/2016
PZ-33I	Piezometer	Downgradient	1121245.25	2409064.05	466.45	469.38	400.65	390.65	78.90	Saprolite/Bedrock	06/08/2016
PZ-34S	Piezometer	Downgradient	1121331.59	2409288.37	440.83	443.67	405.53	395.53	48.30	PWR	06/04/2016
PZ-35I	Piezometer	Downgradient	1121598.57	2406058.33	474.57	474.40	429.27	419.27	55.30	Saprolite/Bedrock	06/22/2016
PZ-36I	Piezometer	Downgradient	1120410.99	2407256.25	478.86	481.52	393.56	383.56	98.20	Bedrock	06/05/2016
PZ-36S	Piezometer	Downgradient	1120401.04	2407248.04	479.40	482.35	434.40	424.40	58.40	Saprolite	08/22/2018
PZ-37I	Piezometer	Downgradient	1121178.48	2408419.19	479.48	482.18	418.48	408.48	73.90	TWR/Bedrock	06/02/2016
PZ-38I	Piezometer	Downgradient	1121475.86	2406352.98	482.23	482.24	418.43	408.43	74.00	Bedrock	06/23/2016
PZ-45D	Piezometer	Downgradient	1125296.24	2400250.55	509.74	512.33	399.74	344.74	167.60	Bedrock	03/09/2020
PZ-46D	Piezometer	Downgradient	1123512.22	2400923.25	447.07	450.28	423.57	393.57	56.70	TWR/Bedrock	03/17/2020

Table 1
Summary of Monitoring Well, Assessment Well and Piezometer Construction Data
Georgia Power Company
Plant Scherer - Ash Pond 1
Monroe County, GA

Well ID	Well Designation	Location	Northing[1] (NAD83)	Easting[1] (NAD83)	Ground Surface Elevation (feet NAVD88)[2]	Top of Casing Elevation (feet NAVD88)[2]	Top of Screen Elevation (feet NAVD88)[2][3]	Bottom of Screen Elevation (feet NAVD88)[2][3]	Total Well Depth (Feet Below Top of Casing) [5]	Groundwater Zone Screened	Installation Date
PIEZOMETERS (continued)											
PZ-47D	Piezometer	Downgradient	1126623.42	2404366.80	406.76	410.01	396.66	381.66	28.40	Bedrock	03/11/2020
PZ-48S	Piezometer	Downgradient	1125014.71	2405779.92	441.30	444.33	390.55	380.55	64.00	Saprolite	03/04/2020
PZ-49D	Piezometer	Downgradient	1123429.73	2410615.29	364.88	367.41	288.88	258.88	108.50	Bedrock	03/06/2020
PZ-49S	Piezometer	Downgradient	1123434.46	2410605.99	365.19	367.89	350.19	340.19	28.00	Residual Soil	03/07/2020
PZ-50D	Piezometer	Upgradient	1103125.91	2408306.87	470.66	473.78	380.66	370.66	103.10	Bedrock	03/18/2020
PZ-51D	Piezometer	Upgradient	1119239.99	2399955.07	543.17	546.04	427.17	417.17	128.90	Bedrock	03/08/2020
PZ-52	Piezometer	Downgradient	1122822.91	2403622.69	519.43	521.84	452.43	442.43	79.40	Saprolite	03/17/2020
PZ-53	Piezometer	Downgradient	1121932.34	2404813.43	513.61	516.64	478.61	468.61	48.00	Saprolite	03/19/2020
PZ-54	Piezometer	Downgradient	1121509.71	2406555.15	490.17	492.96	455.17	445.17	47.80	Residual Soil	03/19/2020
PZ-55	Piezometer	Downgradient	1121931.60	2409132.43	444.15	447.21	418.15	408.15	39.10	Saprolite/TWR	03/20/2020
PZ-56	Piezometer	Downgradient	1123524.68	2409037.21	430.85	433.68	395.10	385.10	48.80	Bedrock	03/19/2020
PZ-57	Piezometer	Downgradient	1123405.64	2407361.88	436.45	439.51	387.45	377.45	62.10	TWR/Bedrock	03/19/2020
PZ-58	Piezometer	Downgradient	1123299.43	2405207.09	489.25	492.21	453.25	443.25	49.00	Residual Soil	03/16/2020
PZ-59D	Piezometer	Downgradient	1125229.89	2407668.93	382.86	385.86	328.86	313.86	72.00	Bedrock	03/27/2020
PZ-59S	Piezometer	Downgradient	1125213.65	2407658.45	382.83	385.93	368.83	358.83	27.10	Saprolite	03/20/2020
PZ-60D	Piezometer	Downgradient	1124410.72	2408242.87	386.43	389.34	317.03	286.73	102.60	Bedrock	03/29/2020
PZ-60S	Piezometer	Downgradient	1124400.44	2408243.59	386.36	389.88	376.36	366.36	23.50	Residual Soil/Saprolite	03/31/2020
PZ-61	Piezometer	Downgradient	1122537.21	2408531.43	436.79	439.27	397.34	387.34	51.90	TWR/Saprolite/Bedrock	04/11/2020
PZ-62	Piezometer	Downgradient	1122370.34	2406175.11	498.25	501.32	456.00	446.00	55.30	Saprolite	04/09/2020
PZ-63	Piezometer	Downgradient	1123955.38	2404060.61	498.87	501.54	468.87	458.87	42.70	Bedrock	04/12/2020
PZ-64	Piezometer	Downgradient	1123724.36	2406404.18	475.99	479.52	416.99	406.99	73.50	Bedrock	04/08/2020
PZ-65	Piezometer	Downgradient	1121937.16	2407733.04	429.57	432.42	409.57	399.57	33.10	Saprolite	04/11/2020
PZ-66	Piezometer	Downgradient	1124664.10	2409115.98	418.38	421.24	373.38	358.38	62.90	Bedrock	04/02/2020
PZ-66D	Piezometer	Downgradient	1124644.48	2409028.45	424.39	427.60	355.39[6]	-	269.20	Bedrock	05/06/2020
PZ-67	Piezometer	Downgradient	1125782.26	2408248.89	423.22	425.94	393.47	383.47	42.50	Saprolite	04/01/2020
PZ-67D	Piezometer	Downgradient	1125764.81	2408259.40	424.71	428.48	341.71[6]	-	304.80	Bedrock	04/25/2020
PZ-68	Piezometer	Downgradient	1125116.59	2407181.92	392.14	395.55	382.18	372.14	23.40	Saprolite/TWR	04/15/2020
PZ-71	Piezometer	Downgradient	1120942.87	2406394.55	475.56	479.80	450.36	440.36	39.40	Saprolite	06/05/2025

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

Table 2
Groundwater Sampling Event Summary
Georgia Power Company
Plant Scherer - Ash Pond 1
Monroe County, GA

Well ID	Hydraulic Location	Compliance Purpose	February 19 - 24, 2025	July 23 - 31, 2025	September 9, 2025	October 8, 2025
			Assessment	Assessment	Resample	Background
AP-1 Detection Monitoring Wells						
SGWA-1	Upgradient	Detection	X	X		
SGWA-2	Upgradient	Detection	X	X		
SGWA-3	Upgradient	Detection	X	X		
SGWA-4	Upgradient	Detection	X	X		
SGWA-5	Upgradient	Detection	X	X		
SGWA-24	Upgradient	Detection	X	X		
SGWA-25	Upgradient	Detection	X	X		
SGWC-6	Downgradient	Detection	X	X		
SGWC-7	Downgradient	Detection	X	X		
SGWC-8	Downgradient	Detection	X	X		
SGWC-9	Downgradient	Detection	X	X		
SGWC-10	Downgradient	Detection	X	X		
SGWC-11	Downgradient	Detection	X	X		
SGWC-12	Downgradient	Detection	X	X		
SGWC-13	Downgradient	Detection	X	X		
SGWC-14	Downgradient	Detection	X	X		
SGWC-15	Downgradient	Detection	X	X		
SGWC-16	Downgradient	Detection	X	X		
SGWC-17	Downgradient	Detection	X	X		
SGWC-18	Downgradient	Detection	X	X		
SGWC-19	Downgradient	Detection	X	X		
SGWC-20	Downgradient	Detection	X	X		
SGWC-21	Downgradient	Detection	X	X		
SGWC-22	Downgradient	Detection	X	X		
SGWC-23	Downgradient	Detection	X	X		
AP-1 Assessment Monitoring Wells						
PZ-13S	Downgradient	Assessment	X	X		
PZ-14S	Downgradient	Assessment	X	X		
PZ-17I	Downgradient	Assessment	X	X		
PZ-29S	Downgradient	Assessment				X
PZ-30I	Downgradient	Assessment				X
PZ-39S	Downgradient	Assessment	X	X		
PZ-40I	Downgradient	Assessment	X	X		
PZ-41S	Downgradient	Assessment	X	X		
PZ-42I	Downgradient	Assessment	X	X		
PZ-43S	Downgradient	Assessment	X	X		
PZ-44I	Downgradient	Assessment	X	X		
PZ-69I	Downgradient	Assessment	X	X		
PZ-70	Downgradient	Assessment		X	X	
AP-1 Additional Monitoring Wells						
PZ-25I	Downgradient	Piezometer	X	X		
PZ-25S	Downgradient	Piezometer	X	X		
PZ-71	Downgradient	Piezometer		X	X	

Notes:
X - Indicates well sampled during event

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

Measurement Date:		February 18, 2025		July 22, 2025	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet, BTOC)	Groundwater Elevation (feet, NAVD 88)	Depth to Water (feet, BTOC)	Groundwater Elevation (feet, NAVD 88)
AP-1 DETECTION MONITORING WELLS					
SGWA-1	546.83	43.85	502.98	42.36	504.47
SGWA-2	546.94	43.35	503.59	42.07	504.87
SGWA-3	545.83	32.92	512.91	32.63	513.20
SGWA-4	547.66	48.08	499.58	47.46	500.20
SGWA-5	508.48	16.73	491.75	16.22	492.26
SGWA-24	492.38	14.80	477.58	15.66	476.72
SGWA-25	526.49	30.35	496.14	30.33	496.16
SGWC-6	510.49	17.90	492.59	17.86	492.63
SGWC-7	506.40	16.45	489.95	16.30	490.10
SGWC-8	514.28	25.29	488.99	25.60	488.68
SGWC-9	510.62	27.37	483.25	28.60	482.02
SGWC-10	509.41	28.04	481.37	Dry	Dry
SGWC-11	511.47	30.65	480.82	33.12	478.35
SGWC-12	500.53	24.30	476.23	27.70	472.83
SGWC-13	482.71	10.00	472.71	15.30	467.41
SGWC-14	476.72	11.38	465.34	13.88	462.84
SGWC-15	482.75	32.31	450.44	32.63	450.12
SGWC-16	460.31	25.73	434.58	27.19	433.12
SGWC-17	418.00	2.81	415.19	3.10	414.90
SGWC-18	513.29	44.62	468.67	45.67	467.62
SGWC-19	478.94	15.72	463.22	16.60	462.34
SGWC-20	504.60	15.34	489.26	16.70	487.90
SGWC-21	487.67	1.22	486.45	1.62	486.05
SGWC-22	518.02	29.72	488.30	29.33	488.69
SGWC-23	523.10	36.25	486.85	35.59	487.51
AP-1 ASSESSMENT MONITORING WELLS					
PZ-13S	520.51	38.94	481.57	40.96	479.55
PZ-14S	512.13	33.88	478.25	36.62	475.51
PZ-17I	483.03	32.20	450.83	32.67	450.36
PZ-29S	491.31	31.45	459.86	32.09	459.22
PZ-30I	478.31	32.84	445.47	32.11	446.20
PZ-39S	474.58	40.01	434.57	30.62	443.96
PZ-40I	512.55	43.25	469.30	44.35	468.20
PZ-41S	491.50	36.66	454.84	33.73	457.77
PZ-42I	503.18	12.37	490.81	13.50	489.68
PZ-43S	504.03	24.49	479.54	24.82	479.21
PZ-44I	510.36	29.44	480.92	31.89	478.47
PZ-69I	508.85	27.82	481.03	30.45	478.40
PZ-70	476.30	Not Installed		13.47	462.83
AP-1 ADDITIONAL MONITORING WELLS					
PZ-25I	528.39	48.01	480.38	48.92	479.47
PZ-25S	528.24	47.63	480.61	48.71	479.53

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

Measurement Date:		February 18, 2025		July 22, 2025	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet, BTOC)	Groundwater Elevation (feet, NAVD 88)	Depth to Water (feet, BTOC)	Groundwater Elevation (feet, NAVD 88)
PIEZOMETERS					
PZ-2I	517.56	29.95	487.61	29.71	487.85
PZ-3S	517.29	33.48	483.81	31.79	485.50
PZ-5I	523.26	38.94	484.32	37.61	485.65
PZ-9I	526.57	30.01	496.56	30.85	495.72
PZ-10S	517.53	23.85	493.68	24.26	493.27
PZ-11S	529.31	40.89	488.42	40.52	488.79
PZ-12S	517.69	34.88	482.81	36.13	481.56
PZ-14I	512.89	34.62	478.27	37.34	475.55
PZ-15S	500.60	22.91	477.69	26.42	474.18
PZ-19I	417.76	4.21	413.55	4.81	412.95
PZ-19S	417.80	4.73	413.07	5.27	412.53
PZ-20I	417.41	3.95	413.46	4.25	413.16
PZ-21S	473.74	13.00	460.74	14.03	459.71
PZ-26S	491.65	19.88	471.77	22.38	469.27
PZ-27D	475.43	5.10	470.33	9.18	466.25
PZ-27S	475.80	5.98	469.82	10.13	465.67
PZ-28I	484.18	19.15	465.03	21.54	462.64
PZ-31I	466.89	32.81	434.08	32.25	434.64
PZ-32D	465.42	32.31	433.11	31.88	433.54
PZ-32S	465.06	30.70	434.36	29.88	435.18
PZ-33I	469.38	47.27	422.11	46.84	422.54
PZ-34S	443.67	22.17	421.50	22.25	421.42
PZ-35I	474.40	4.82	469.58	8.81	465.59
PZ-36I	481.52	35.94	445.58	36.28	445.24
PZ-36S	482.35	39.00	443.35	38.90	443.45
PZ-37I	482.18	52.33	429.85	52.93	429.25
PZ-38I	482.24	16.63	465.61	19.20	463.04
PZ-45D	512.33	33.30	479.03	32.70	479.63
PZ-46D	450.28	11.09	439.19	12.25	438.03
PZ-47D	410.01	10.60	399.41	11.65	398.36
PZ-48S	444.33	37.44	406.89	37.02	407.31
PZ-49D	367.41	5.23	362.18	6.00	361.41
PZ-49S	367.89	6.65	361.24	7.82	360.07
PZ-50D	473.78	NM	NM	NM	NM
PZ-51D	546.04	42.70	503.34	41.52	504.52
PZ-52	521.84	39.25	482.59	40.45	481.39
PZ-53	516.64	38.42	478.22	41.00	475.64
PZ-54	492.96	32.61	460.35	33.12	459.84
PZ-55	447.21	29.59	417.62	28.28	418.93
PZ-56	433.68	41.67	392.01	41.58	392.10
PZ-57	439.51	35.15	404.36	35.60	403.91

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

Measurement Date:		February 18, 2025		July 22, 2025	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet, BTOC)	Groundwater Elevation (feet, NAVD 88)	Depth to Water (feet, BTOC)	Groundwater Elevation (feet, NAVD 88)
PIEZOMETERS					
PZ-58	492.21	48.94	443.27	49.01	443.20
PZ-59D	385.86	4.89	380.97	6.23	379.63
PZ-59S	385.93	4.60	381.33	6.23	379.70
PZ-60D	389.34	7.82	381.52	8.02	381.32
PZ-60S	389.88	9.40	380.48	10.63	379.25
PZ-61	439.27	25.61	413.66	25.90	413.37
PZ-62	501.32	43.81	457.51	43.77	457.55
PZ-63	501.54	24.13	477.41	24.73	476.81
PZ-64	479.52	53.81	425.71	54.05	425.47
PZ-65	432.42	17.92	414.50	18.15	414.27
PZ-66	421.24	38.46	382.78	37.91	383.33
PZ-66D	427.60	49.26	378.34	49.85	377.75
PZ-67	425.94	26.80	399.14	26.12	399.82
PZ-67D	428.48	41.48	387.00	45.60	382.88
PZ-68	395.55	9.52	386.03	11.15	384.40
PZ-71	479.80	Not Installed		17.11	462.69
LPZ-01	553.29	59.30	493.99	59.30	493.99
LPZ-02	514.52	2.28	512.24	2.87	511.65
LPZ-03	515.45	7.38	508.07	7.55	507.90
LPZ-04	461.24	13.93	447.31	13.61	447.63
LPZ-05	524.51	49.26	475.25	49.52	474.99
CELL 1					
GWC-1	374.95	8.24	366.71	10.15	364.80
GWC-2	380.22	12.57	367.65	14.55	365.67
GWC-3	412.66	38.38	374.28	37.64	375.02
GWC-4	411.75	33.46	378.29	33.17	378.58
GWC-5	396.69	21.39	375.30	20.40	376.29
GWC-6	415.80	40.66	375.14	38.61	377.19
GWC-7	418.27	42.08	376.19	42.90	375.37
GWC-8A	401.62	22.07	379.55	23.00	378.62
GWC-9	386.18	6.38	379.80	7.10	379.08
GWC-10	392.87	9.77	383.10	11.05	381.82
GWC-11	402.33	16.80	385.53	18.50	383.83
GWC-12	412.89	24.56	388.33	25.20	387.69
GWC-13	419.77	29.31	390.46	30.22	389.55
GWC-14	403.60	11.68	391.92	12.65	390.95
GWA-15	415.01	12.00	403.01	13.08	401.93
GWA-16	444.24	34.43	409.81	33.94	410.30
GWA-17	445.84	32.83	413.01	32.10	413.74
GWC-18	439.66	36.29	403.37	35.50	404.16
GWC-19	430.20	39.09	391.11	39.10	391.10
GWC-20	426.30	47.37	378.93	46.40	379.90

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

Measurement Date:		February 18, 2025		July 22, 2025	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet, BTOC)	Groundwater Elevation (feet, NAVD 88)	Depth to Water (feet, BTOC)	Groundwater Elevation (feet, NAVD 88)
PAC ASH CELL					
GWA-21	422.58	6.21	416.37	6.82	415.76
GWA-22	444.50	26.46	418.04	26.49	418.01
GWC-29	399.64	5.36	394.28	5.56	394.08
GWA-45	451.08	18.70	432.38	19.98	431.10
GWA-46	461.13	34.95	426.18	34.81	426.32
GWA-47	465.77	42.01	423.76	41.89	423.88
GWA-48	461.73	40.32	421.41	39.80	421.93
GWA-49	432.88	12.80	420.08	13.59	419.29
GWC-50	407.16	8.62	398.54	9.38	397.78
GWC-51	410.15	8.55	401.60	9.11	401.04
GWC-52	417.13	9.34	407.79	9.62	407.51
GWC-53	435.83	12.12	423.71	12.94	422.89
CELL 3					
GWA-39	457.62	31.37	426.25	27.65	429.97
GWA-40	463.84	37.36	426.48	35.51	428.33
GWA-41	434.12	13.43	420.69	13.29	420.83
GWA-42	405.19	4.72	400.47	5.65	399.54
GWA-43	400.94	3.64	397.30	5.05	395.89
GWA-44A	399.62	3.62	396.00	4.75	394.87
GWA-54	451.49	28.71	422.78	28.67	422.82
GWC-30	394.49	5.38	389.11	5.99	388.50
GWC-31	392.78	5.05	387.73	6.59	386.19
GWC-32	410.03	23.40	386.63	23.79	386.24
GWC-33A	393.96	9.28	384.68	9.68	384.28
GWC-34	389.29	7.21	382.08	7.54	381.75
GWC-35	387.90	4.40	383.50	4.38	383.52
GWC-36	425.12	32.99	392.13	31.29	393.83
GWC-37	429.80	23.98	405.82	24.28	405.52
GWC-38	418.68	11.59	407.09	12.37	406.31

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

Measurement Date:		February 18, 2025		July 22, 2025	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet, BTOC)	Groundwater Elevation (feet, NAVD 88)	Depth to Water (feet, BTOC)	Groundwater Elevation (feet, NAVD 88)
TEMPORARY WELLS					
SCH-TW-15A-S	481.21	29.22	451.99	29.80	451.41
SCH-TW-15A-D	481.22	29.31	451.91	29.85	451.37
SCH-TW-15B	481.72	29.63	452.09	32.00	449.72
SCH-TW-15C-S	484.27	37.32	446.95	37.19	447.08
SCH-TW-15C-D	484.10	36.24	447.86	36.21	447.89
SCH-TW-18A	511.28	41.71	469.57	42.80	468.48
SCH-TW-18B	509.78	37.90	471.88	39.13	470.65
SCH-TW-18C	511.64	43.30	468.34	41.34	470.30
SCH-TW-18D	514.34	47.51	466.83	48.40	465.94
SCH-TW-20A	505.35	14.67	490.68	15.90	489.45
SCH-TW-20B	500.98	11.00	489.98	12.33	488.65
SCH-TW-20C	502.62	13.00	489.62	14.37	488.25
SCH-TW-20D	500.50	10.96	489.54	12.35	488.15
STAFF GAUGES					
SG-1	362.77	Dry		Dry	
SG-3	382.48	378.47		No Access	

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

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

Gauging Event	Well Pair	Groundwater Elevations in Well Pairs (ft)		Change in Elevation (Δ h) (ft)	Distance Between Well 1 and Well 2 (Δ l) (ft)	Hydraulic Gradient (Δ h / Δ l) (ft/ft)	Range of Estimated Hydraulic Conductivity (K) (ft/day)	Estimated Effective Porosity (ne)	Calculated Groundwater Flow Velocity (ft/day)	Calculated Groundwater Flow Velocity (ft/year)
February 2025	SGWC-13 to PZ-35I	472.71	469.58	3.13	439	0.007	1.29 to 2.27	0.2	0.05 to 0.08	16 to 29
February 2025	SGWC-14 to PZ-29S	465.34	459.86	5.48	418	0.013	1.29 to 2.27	0.2	0.08 to 0.15	31 to 54
February 2025	SGWC-20 to PZ-43S	489.26	479.54	9.72	467	0.021	1.29 to 2.27	0.2	0.14 to 0.24	49 to 87

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

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

Gauging Event	Well Pair	Groundwater Elevations in Well Pairs (ft)		Change in Elevation (Δ h) (ft)	Distance Between Well 1 and Well 2 (Δ l) (ft)	Hydraulic Gradient (Δ h / Δ l) (ft/ft)	Range of Estimated Hydraulic Conductivity (K) (ft/day)	Estimated Effective Porosity (ne)	Calculated Groundwater Flow Velocity (ft/day)	Calculated Groundwater Flow Velocity (ft/year)
July 2025	SGWC-13 to PZ-35I	467.41	465.59	1.82	439	0.004	1.29 to 2.27	0.2	0.03 to 0.05	9 to 17
July 2025	SGWC-14 to PZ-29S	462.84	459.22	3.62	418	0.009	1.29 to 2.27	0.2	0.06 to 0.10	21 to 37
July 2025	SGWC-20 to PZ-43S	487.90	479.21	8.69	467	0.019	1.29 to 2.27	0.2	0.12 to 0.22	45 to 79

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

Table 5A
Groundwater Analytical Data Summary - February 2025
Georgia Power Company
Plant Scherer - Ash Pond 1
Monroe County, GA

	Sample Location	SGWA-1	SGWA-2	SGWA-3	SGWA-4	SGWA-5	SGWA-24	SGWA-25	SGWC-6	SGWC-7
	Sample Date	02/20/2025	02/20/2025	02/20/2025	02/19/2025	02/20/2025	02/19/2025	02/19/2025	02/20/2025	02/19/2025
ANALYTE	**UNITS**									
APPENDIX III										
Boron	mg/L	0.033 J	0.032 J	0.068 J	0.032 J	0.023 J	< 0.022	< 0.022	0.069 J	< 0.022
Calcium	mg/L	2.1	12	6.4	21	1.8	18	11	13	17
Chloride	mg/L	1.8	1.3	2.0	1.1	1.9	4.9	3.4	2.6	4.6
Fluoride	mg/L	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	0.23
pH, Field	SU	5.44	6.95	5.89	6.33	5.48	6.50	6.18	6.30	6.51
Sulfate	mg/L	0.50 J	< 0.40	0.59 J	0.51 J	< 0.40	< 0.40	< 0.40	< 0.40	4.8
TDS	mg/L	48	100	51	120	74	130	92	130	160
APPENDIX IV										
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.047	0.041	0.038	0.077	0.014	0.029	0.028	0.17	0.25
Beryllium	mg/L	0.00037 J	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0033	0.015	0.027	0.0056	0.0016 J	0.0060	0.0048	< 0.0012	0.0014 J
Cobalt	mg/L	0.00024 J	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	0.00045 J	< 0.00022	0.00023 J
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	0.00054 J	< 0.00021
Lithium	mg/L	< 0.0020	< 0.0020	< 0.0020	0.0037 J	0.0031 J	< 0.0020	0.0033 J	< 0.0020	0.0063
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Molybdenum	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	0.0010 J
Combined Radium 226 + 228	pCi/L	0.271 U	0.715	0.237 U	0.501 U	0.654	-0.0866 U	0.566	0.271 U	0.477 U
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	11	61	35	92	30	84	60	76	110
Carbonate Alkalinity as CaCO3	mg/L	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
Total Alkalinity as CaCO3	mg/L	11	61	38	92	30	84	60	76	110
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ferrous (II) Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	1.0	6.9	5.1	7.2	0.61	8.7	7.6	6.0	12
Manganese	mg/L	0.047	< 0.0022	0.0083	0.15	0.0034 J	0.010	0.023	0.024	0.060
Potassium	mg/L	0.80	1.0	1.2	2.0	0.60	1.0	0.74	1.1	4.2
Sodium	mg/L	3.2	5.2	4.0	9.2	12	7.5	5.2	14	20
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

Table 5A
Groundwater Analytical Data Summary - February 2025
Georgia Power Company
Plant Scherer - Ash Pond 1
Monroe County, GA

	Sample Location	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
	Sample Date	02/19/2025	02/19/2025	02/19/2025	02/20/2025	02/19/2025	02/19/2025	02/19/2025	02/20/2025	02/19/2025
ANALYTE	**UNITS**									
APPENDIX III										
Boron	mg/L	0.042 J	1.4	0.31	0.87	0.039 J	0.96	1.6	1.3	0.88
Calcium	mg/L	39	29	4.3	3.3	25	31	37	16	1.9
Chloride	mg/L	18	14	9.6	12	12	25	30	11	17
Fluoride	mg/L	0.17 J	< 0.40	< 0.040	< 0.040	< 0.080	< 0.20	< 0.40	< 0.40	< 0.20
pH, Field	SU	6.65	6.21	5.32	5.38	6.22	6.06	5.79	4.55	5.10
Sulfate	mg/L	37	120	36	31	83	170	230	210	84
TDS	mg/L	330	310	93	90	220	280	350	320	150
APPENDIX IV										
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	0.0012	< 0.00086
Barium	mg/L	0.14	0.035	0.043	0.072	0.075	0.044	0.032	0.025	0.059
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	0.00054 J	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	0.00011 J	0.00024 J	< 0.000078
Chromium	mg/L	0.0030	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0013 J	0.033	0.015
Cobalt	mg/L	< 0.00022	0.00058 J	0.026	0.020	0.0018 J	0.0018 J	0.014	0.23	0.0082
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Lithium	mg/L	< 0.0020	< 0.0020	< 0.0020	0.0043 J	< 0.0020	0.0025 J	0.0035 J	0.0038 J	0.0038 J
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	0.000081 J	0.00015 J	< 0.000080
Molybdenum	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Combined Radium 226 + 228	pCi/L	1.11	0.132 U	0.792	0.388 U	-0.324 U	0.0616 U	0.0778 U	0.586 U	0.0992 U
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	0.0035 J	< 0.00099
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	200	95	38	20	67	37	12	< 2.2	6.7
Carbonate Alkalinity as CaCO3	mg/L	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
Total Alkalinity as CaCO3	mg/L	200	95	38	20	67	37	12	< 2.2	6.7
Iron	mg/L	NA	NA	1.6	4.6	NA	NA	NA	< 0.012	NA
Ferrous (II) Iron	mg/L	NA	NA	1.5	4.0	NA	NA	NA	0.0	NA
Magnesium	mg/L	24	19	8.4	2.1	15	13	21	16	1.2
Manganese	mg/L	0.029	0.11	0.64	0.76	0.58	0.13	0.60	3.9	0.051
Potassium	mg/L	1.2	0.52	0.35 J	0.67	0.82	1.6	2.4	5.0	0.83
Sodium	mg/L	37	43	8.1	22	20	36	42	55	47
Sulfide	mg/L	NA	NA	< 10	< 10	NA	NA	NA	< 10	NA

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

Table 5A
Groundwater Analytical Data Summary - February 2025
Georgia Power Company
Plant Scherer - Ash Pond 1
Monroe County, GA

	Sample Location	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
	Sample Date	02/19/2025	02/21/2025	02/21/2025	02/20/2025	02/20/2025	02/20/2025	02/21/2025	02/19/2025	02/19/2025
ANALYTE	**UNITS**									
APPENDIX III										
Boron	mg/L	0.39	5.5	2.0	1.9	1.3	0.52	0.35	< 0.022	0.050 J
Calcium	mg/L	79	37	43	22	42	25	19	5.8	5.2
Chloride	mg/L	20	< 10	12	6.3 J	5.5	10	8.0	12	5.4
Fluoride	mg/L	< 0.40	< 2.0	< 0.080	< 0.40	< 0.20	< 0.20	< 0.080	< 0.040	< 0.040
pH, Field	SU	6.28	4.78	5.59	4.17	6.44	5.70	5.93	5.23	5.45
Sulfate	mg/L	340	850	270	280	120	88	52	0.43 J	< 0.40
TDS	mg/L	520	1100	420	390	380	210	190	53	52
APPENDIX IV										
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	0.0012	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.032	0.0093 J	0.024	0.022	0.12	0.071	0.064	0.041	0.038
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	0.0011 J	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	0.000090 J	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0039	0.0098	0.015	0.0024	< 0.0012	0.0013 J	0.0022	0.0036	0.0024
Cobalt	mg/L	0.00048 J	0.058	< 0.00022	0.15	< 0.00022	0.00073 J	< 0.00022	0.0036	0.00023 J
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	0.0047	< 0.00021	< 0.00021	0.00069 J	< 0.00021
Lithium	mg/L	< 0.0020	0.0026 J	0.016	0.0071	< 0.0020	< 0.0020	0.0051	< 0.0020	0.0031 J
Mercury	mg/L	0.000087 J	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	0.00069	< 0.000080
Molybdenum	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Combined Radium 226 + 228	pCi/L	0.173 U	-0.00614 U	-0.320 U	0.218 U	0.603 U	0.0727 U	0.869	0.124 U	0.371 U
Selenium	mg/L	< 0.00099	0.0031 J	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	64	< 2.2	11	< 2.2	180	48	60	17	23
Carbonate Alkalinity as CaCO3	mg/L	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
Total Alkalinity as CaCO3	mg/L	64	< 2.2	11	< 2.2	180	48	60	17	23
Iron	mg/L	NA	0.071 J	NA	0.030 J	NA	NA	NA	0.24	0.061 J
Ferrous (II) Iron	mg/L	NA	0.0	NA	0.0	NA	NA	NA	0.0	0.0
Magnesium	mg/L	40	17	22	27	16	13	10	1.8	3.4
Manganese	mg/L	0.038	0.62	0.034	2.0	0.055	0.11	0.057	0.038	0.018
Potassium	mg/L	0.58	2.9	2.8	3.7	1.7	2.4	1.5	0.35 J	0.74
Sodium	mg/L	29	340	56	69	69	19	20	5.4	2.3
Sulfide	mg/L	NA	< 10	NA	< 10	NA	NA	NA	< 10	< 10

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

Table 5A
Groundwater Analytical Data Summary - February 2025
Georgia Power Company
Plant Scherer - Ash Pond 1
Monroe County, GA

	Sample Location	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-25I	PZ-25S
	Sample Date	02/21/2025	02/24/2025	02/20/2025	02/21/2025	02/20/2025	02/24/2025	02/24/2025	02/24/2025	02/20/2025	02/20/2025
ANALYTE	UNITS										
APPENDIX III											
Boron	mg/L	0.18	< 0.022	4.6	3.8	2.3	1.1	0.053 J	0.40	< 0.022	< 0.022
Calcium	mg/L	34	24	140	170	77	54	25	49	27	1.1
Chloride	mg/L	4.9 J	6.1	< 5.0	9.5 J	11	7.6	3.2	9.9	4.3	3.9
Fluoride	mg/L	< 0.20	< 0.040	< 1.0	< 1.0	< 0.40	< 0.20	< 0.040	< 0.20	< 0.040	< 0.040
pH, Field	SU	7.00	6.61	6.39	5.93	7.33	7.43	6.77	6.57	6.89	4.65
Sulfate	mg/L	92	40	460	890	190	150	< 0.40	110	0.55 J	2.0
TDS	mg/L	240	150	980	1100	430	290	170	280	140	27
APPENDIX IV											
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	0.00090 J	< 0.00034	< 0.00034	< 0.00034	NA	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	NA	0.0012
Barium	mg/L	0.060	0.043	0.033	0.024	0.047	0.070	0.0099 J	0.18	NA	0.024
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	0.00020 J
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	NA	< 0.000078
Chromium	mg/L	0.0032	0.023	< 0.0012	0.0059	0.0012 J	0.0020	< 0.0012	< 0.0012	NA	0.0029
Cobalt	mg/L	< 0.00022	< 0.00022	0.00094 J	0.00022 J	0.00035 J	< 0.00022	0.0014 J	0.0022 J	0.0017 J	0.027
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	NA	< 0.00021
Lithium	mg/L	< 0.0020	0.0025 J	0.013	0.0057	0.028	< 0.0020	0.037	< 0.0020	NA	0.0042 J
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	NA	< 0.000080
Molybdenum	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	0.0097 J	< 0.00086	< 0.00086	< 0.00086	NA	< 0.00086
Combined Radium 226 + 228	pCi/L	-0.293 U	0.112 U	0.363 U	0.457 U	1.35	0.0441 U	0.0662 U	0.347 U	NA	0.0194 U
Selenium	mg/L	< 0.00099	0.0015 J	< 0.00099	0.0051	< 0.00099	< 0.00099	< 0.00099	< 0.00099	NA	< 0.00099
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	NA	< 0.00026
Additional Parameters											
Bicarbonate Alkalinity as CaCO3	mg/L	60	68	38	13	94	63	120	96	120	2.2 J
Carbonate Alkalinity as CaCO3	mg/L	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
Total Alkalinity as CaCO3	mg/L	60	68	38	13	94	63	120	96	120	2.2 J
Iron	mg/L	< 0.012	0.13	0.53	0.020 J	0.069 J	< 0.012	1.6	1.2	NA	NA
Ferrous (II) Iron	mg/L	0.0	0.0	1.0	0.0	0.0	0.0	1.5	1.5	NA	NA
Magnesium	mg/L	16	10	60	68	19	16	12	14	15	0.52
Manganese	mg/L	< 0.0022	0.16	0.20	0.0048 J	0.22	0.0054	0.29	1.2	NA	NA
Potassium	mg/L	2.1	1.5	8.5	4.8	8.4	3.3	3.9	5.6	1.1	0.27 J
Sodium	mg/L	13	7.5	74	74	28	15	7.8	23	5.4	4.2
Sulfide	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA

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

Table 5B
Groundwater Analytical Data Summary - July, September, and October 2025
Georgia Power Company
Plant Scherer - Ash Pond 1
Monroe County, GA

	Sample Location	SGWA-1	SGWA-2	SGWA-3	SGWA-4	SGWA-5	SGWA-24	SGWA-25	SGWC-6	SGWC-7
	Sample Date	07/24/2025	07/24/2025	07/24/2025	07/24/2025	07/31/2025	07/28/2025	07/30/2025	07/29/2025	07/30/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026
Calcium	mg/L	2.4	12	5.9	20	1.7	18	9.6	14	17
Chloride	mg/L	2.4	1.8	2.8	1.4	2.1	3.6	2.6	2.2	3.2
Fluoride	mg/L	< 0.081	0.14 J	0.12 J	0.13 J	0.11 J	0.15 J	< 0.081	0.19 J	0.25
pH, Field	SU	5.36	6.77	5.95	6.27	5.49	6.22	5.90	6.09	6.37
Sulfate	mg/L	1.3	1.5	1.3	1.1	< 0.77	< 0.77	< 0.77	< 0.77	4.4
TDS	mg/L	71	160	100	210	82	150	76	130	160
APPENDIX IV										
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.051	0.041	0.039	0.077	0.012	0.029	0.026	0.17	0.27
Beryllium	mg/L	0.00025 J	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00047 J	< 0.0015	0.00021 J
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	0.0043 J	0.016	0.028	0.0054	< 0.0037	0.0053	0.0038 J	< 0.0037	< 0.0037
Cobalt	mg/L	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041
Cobalt, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	0.0026	< 0.00086
Lithium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	0.0063 J
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Molybdenum	mg/L	0.0014 J	0.0012 J	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	0.0012 J
Combined Radium 226 + 228	pCi/L	0.0250 U	-0.0520 U	0.427 U	0.306 U	0.322 U	0.185 U	0.326 U	0.603	1.39
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Thallium	mg/L	< 0.00019	0.00052 J	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	13	66	42	100	27	84	55	78	120
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Total Alkalinity as CaCO3	mg/L	13	66	42	100	27	84	55	78	120
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ferrous (II) Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	1.2	7.8	6.5	8.3	0.50	8.1	5.7	6.2	9.9
Manganese	mg/L	0.035	< 0.0013	< 0.0013	< 0.0013	0.0041 J	0.017	0.0072	0.028	0.058
Potassium	mg/L	1.0	1.1	1.3	1.8	0.48	0.93	0.53	1.1	3.7
Sodium	mg/L	3.9	5.5	4.2	8.9	8.7	6.8	4.0	13	16

Notes:
mg/L - milligrams per liter; pCi/L - picocuries per liter; SU - Standard Units
NA - Indicates not analyzed
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U.
The MDC varies depending upon the sample amount and elapsed time of the measurement.
* Indicates the analyte was resampled on September 9, 2025. Both the original and resample results are shown.

Table 5B
Groundwater Analytical Data Summary - July, September, and October 2025
Georgia Power Company
Plant Scherer - Ash Pond 1
Monroe County, GA

	Sample Location	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
	Sample Date	07/30/2025	07/30/2025	07/30/2025	07/31/2025	07/31/2025	07/30/2025	07/31/2025	07/30/2025	07/23/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.026	1.3	0.36	0.86	< 0.026	1.0	1.4	1.3	0.83
Calcium	mg/L	37	42	7.9	3.1	25	34	29	16	1.9
Chloride	mg/L	16	27	9.3	11	8.7	19	17	14	10
Fluoride	mg/L	0.47	0.13 J	0.15 J	0.12 J	0.16 J	0.083 J	0.13 J	0.18 J	0.14 J
pH, Field	SU	6.49	6.11	5.28	5.08	6.18	5.78	5.44	4.52	5.02
Sulfate	mg/L	37	190	49	28	86	170	220	200	87
TDS	mg/L	310	460	120	97	260	360	420	440	170
APPENDIX IV										
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.14	0.066	0.055	0.087	0.073	0.047	0.031	0.025	0.059
Beryllium	mg/L	0.00057 J	0.00032 J	0.00048 J	0.00032 J	< 0.00015	0.00039 J	0.00022 J	0.0011	0.00044 J
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	0.00040 J	0.00042 J
Chromium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	0.030	0.015
Cobalt	mg/L	< 0.00041	< 0.00041	0.015	0.017	0.0017 J	0.0020 J	0.039	0.23	0.0093
Cobalt, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	0.0014
Lithium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	0.0042 J	< 0.0037
Mercury	mg/L	0.00017 J	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Molybdenum	mg/L	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	0.0011 J
Combined Radium 226 + 228	pCi/L	2.55	1.40	0.770	0.316 U	0.534 U	1.03	0.365 U	0.588 U	-0.0827 U
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	0.00064 J
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	190	90	17	11	57	15	8.5	< 3.0	5.4
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Total Alkalinity as CaCO3	mg/L	190	90	17	11	57	15	8.5	< 3.0	5.4
Iron	mg/L	NA	NA	1.6	1.2	NA	NA	0.17	< 0.018	NA
Ferrous (II) Iron	mg/L	NA	NA	0	0	NA	NA	0	0	NA
Magnesium	mg/L	19	24	9.4	1.7	12	12	17	14	1.3
Manganese	mg/L	< 0.0013	0.018	0.54	0.64	0.45	0.14	0.72	3.3	0.049
Potassium	mg/L	0.93	0.49	0.39	0.73	0.62	1.4	1.9	4.7	0.80
Sodium	mg/L	30	45	8.1	17	14	33	39	49	45

Notes:
mg/L - milligrams per liter; pCi/L - picocuries per liter; SU - Standard Units
NA - Indicates not analyzed
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U.
The MDC varies depending upon the sample amount and elapsed time of the measurement.
* Indicates the analyte was resampled on September 9, 2025. Both the original and resample results are shown.

Table 5B
Groundwater Analytical Data Summary - July, September, and October 2025
Georgia Power Company
Plant Scherer - Ash Pond 1
Monroe County, GA

	Sample Location	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
	Sample Date	07/23/2025	07/25/2025	07/24/2025	07/24/2025	07/28/2025	07/28/2025	07/28/2025	07/30/2025	07/29/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.39	5.1	1.9	1.5	1.3	0.41	0.28	< 0.026	< 0.026
Calcium	mg/L	77	34	39	19	45	23	17	7.0	4.9
Chloride	mg/L	7.7	7.2	11	8.0	5.3	9.3	6.9	10	3.2
Fluoride	mg/L	0.14 J	0.13 J	0.082 J	0.20	0.11 J	0.082 J	0.19 J	0.11 J	0.092 J
pH, Field	SU	6.11	4.86	5.40	4.28	6.19	5.63	5.88	5.18	5.34
Sulfate	mg/L	360	870	290	270	120	71	36	< 0.77	< 0.77
TDS	mg/L	720	1300	580	420	420	210	170	44	39
APPENDIX IV										
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.031	0.011	0.023	0.021	0.12	0.064	0.052	0.043	0.034
Beryllium	mg/L	< 0.00015	0.00018 J	0.00018 J	0.00055 J	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00024	0.00072	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	0.0066	0.011	0.016	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Cobalt	mg/L	0.00059 J	0.087	< 0.00041	0.10	< 0.00041	0.00048 J	< 0.00041	0.0029 J	< 0.00041
Cobalt, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Lithium	mg/L	< 0.0037	0.0047 J	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	0.00063	< 0.00017
Molybdenum	mg/L	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
Combined Radium 226 + 228	pCi/L	1.21	0.318 U	0.350 U	0.490 U	0.353 U	0.319 U	0.259 U	0.516 U	0.213 U
Selenium	mg/L	< 0.0023	0.0050	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	61	< 3.0	7.4	< 3.0	190	46	59	21	24
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Total Alkalinity as CaCO3	mg/L	61	< 3.0	7.4	< 3.0	190	46	59	21	24
Iron	mg/L	NA	0.18	NA	< 0.018	NA	NA	NA	0.044 J	< 0.018
Ferrous (II) Iron	mg/L	NA	0	NA	0	NA	NA	NA	0	0
Magnesium	mg/L	41	22	24	21	16	10	8.5	1.9	3.0
Manganese	mg/L	0.033	0.70	0.042	1.6	0.066	0.077	< 0.0013	0.038	0.017
Potassium	mg/L	0.49	3.5	2.2	4.7	1.7	2.2	1.2	0.33	0.59
Sodium	mg/L	26	330	57	68	69	17	16	5.5	1.9

Notes:
mg/L - milligrams per liter; pCi/L - picocuries per liter; SU - Standard Units
NA - Indicates not analyzed
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U.
The MDC varies depending upon the sample amount and elapsed time of the measurement.
* Indicates the analyte was resampled on September 9, 2025. Both the original and resample results are shown.

Table 5B
Groundwater Analytical Data Summary - July, September, and October 2025
Georgia Power Company
Plant Scherer - Ash Pond 1
Monroe County, GA

	Sample Location	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70
	Sample Date	07/29/2025	07/29/2025	07/29/2025	07/29/2025	07/29/2025	07/29/2025	07/29/2025	07/29/2025	07/29/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.13	< 0.026	4.7	4.1	3.2	0.86	< 0.026	0.35	0.62
Calcium	mg/L	33	23	130	180	66	66	24	45	39
Chloride	mg/L	5.8	4.8	7.3	10	9.6	7.6	2.1	12	13
Fluoride	mg/L	0.20	< 0.081	0.10 J	< 0.081	0.11 J	0.13 J	0.11 J	0.13 J	0.12 J
pH, Field	SU	6.60	6.61	6.10	5.86	6.26	10.18	6.64	6.57	6.43
Sulfate	mg/L	85	33	710	830	250	110	< 0.77	91	70
TDS	mg/L	250	150	1200	1400	580	260	160	310	300
APPENDIX IV										
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.057	0.042	0.031	0.023	0.047	0.052	0.012	0.17	0.079
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	< 0.0037	0.028	< 0.0037	0.0056	< 0.0037	0.0053	< 0.0037	< 0.0037	< 0.0037
Cobalt	mg/L	< 0.00041	< 0.00041	0.00098 J	< 0.00041	< 0.00041	< 0.00041	0.0016 J	0.0017 J	0.0069
Cobalt, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	0.0016	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Lithium	mg/L	< 0.0037	0.0068 J	0.018 J	< 0.0037	0.0060 J	0.0079 J	0.025	< 0.0037	< 0.0037
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Molybdenum	mg/L	< 0.00069	0.0013 J	< 0.00069	< 0.00069	0.0077	0.0021 J	< 0.00069	0.0013 J	0.0015 J
Combined Radium 226 + 228	pCi/L	-0.00630 U	0.389 U	1.00	0.135 U	0.752	0.389 U	0.176 U	0.947	0.586 U
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	0.0052	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	59	65	15	12	69	28	120	100	100
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Total Alkalinity as CaCO3	mg/L	59	65	15	12	69	28	120	100	100
Iron	mg/L	0.018 J	0.035 J	0.50	0.021 J	0.11	< 0.018	1.1	1.1	0.33
Ferrous (II) Iron	mg/L	0	0	1	0	0	0	1.25	1.25	0.5
Magnesium	mg/L	14	9.6	260	300	26	5.4	11	12	14
Manganese	mg/L	< 0.0013	0.090	0.18	0.0050	0.15	< 0.0013	0.39	1.3	0.88
Potassium	mg/L	1.9	1.5	7.5	4.2	3.3	2.7	2.4	5.2	5.0
Sodium	mg/L	12	6.3	340	310	29	15	6.0	26	18

Notes:
mg/L - milligrams per liter; pCi/L - picocuries per liter; SU - Standard Units
NA - Indicates not analyzed
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U.
The MDC varies depending upon the sample amount and elapsed time of the measurement.
* Indicates the analyte was resampled on September 9, 2025. Both the original and resample results are shown.

Table 5B
Groundwater Analytical Data Summary - July, September, and October 2025
Georgia Power Company
Plant Scherer - Ash Pond 1
Monroe County, GA

	Sample Location	*PZ-70	PZ-71	*PZ-71	PZ-25I	PZ-25S	PZ-29S	PZ-30I
	Sample Date	09/09/2025	07/29/2025	09/09/2025	07/30/2025	07/29/2025	10/08/2025	10/08/2025
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	1.5	NA	< 0.026	< 0.026	0.058 J	0.043 J
Calcium	mg/L	NA	27	NA	21	0.76	28	21
Chloride	mg/L	NA	20	NA	3.1	3.7	7.7	4.5
Fluoride	mg/L	NA	0.087 J	NA	0.11 J	0.16 J	0.19 J	0.14 J
pH, Field	SU	6.34	5.65	5.77	6.80	4.63	6.23	6.54
Sulfate	mg/L	NA	200	NA	< 0.77	1.1	74	33
TDS	mg/L	NA	500	NA	110	38	200	160
APPENDIX IV								
Antimony	mg/L	NA	< 0.0025	NA	NA	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	NA	< 0.0013	NA	NA	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	NA	0.042	NA	NA	0.018	0.034	0.071
Beryllium	mg/L	NA	< 0.00015	NA	NA	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	NA	< 0.00024	NA	NA	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	NA	< 0.0037	NA	NA	< 0.0037	< 0.0037	0.0092
Cobalt	mg/L	0.0028 J	0.16	0.17	0.00046 J	0.019	< 0.00041	0.00074 J
Cobalt, Dissolved	mg/L	0.0027 J	NA	0.16	NA	NA	NA	NA
Lead	mg/L	NA	< 0.00086	NA	NA	< 0.00086	< 0.00086	< 0.00086
Lithium	mg/L	NA	< 0.0037	NA	NA	< 0.0037	< 0.0037	< 0.0037
Mercury	mg/L	NA	0.00032	NA	NA	0.00061	< 0.00017	< 0.00017
Molybdenum	mg/L	NA	0.0024 J	NA	NA	< 0.00069	< 0.00069	< 0.00069
Combined Radium 226 + 228	pCi/L	NA	0.841 U	NA	NA	0.487 U	0.901 U	0.253 U
Selenium	mg/L	NA	< 0.0023	NA	NA	< 0.0023	< 0.0023	< 0.0023
Thallium	mg/L	NA	< 0.00019	NA	NA	< 0.00019	< 0.00019	< 0.00019
Additional Parameters								
Bicarbonate Alkalinity as CaCO3	mg/L	NA	11	NA	90	< 3.0	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	< 3.0	NA	< 3.0	< 3.0	NA	NA
Total Alkalinity as CaCO3	mg/L	NA	11	NA	90	< 3.0	NA	NA
Iron	mg/L	NA	0.72	NA	NA	NA	NA	NA
Ferrous (II) Iron	mg/L	NA	1.5	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	20	NA	9.6	0.49	NA	NA
Manganese	mg/L	NA	4.4	NA	NA	NA	NA	NA
Potassium	mg/L	NA	2.3	NA	1.0	0.12	NA	NA
Sodium	mg/L	NA	270	NA	4.3	3.5	NA	NA

Notes:
mg/L - milligrams per liter; pCi/L - picocuries per liter; SU - Standard Units
NA - Indicates not analyzed
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U.
The MDC varies depending upon the sample amount and elapsed time of the measurement.
* Indicates the analyte was resampled on September 9, 2025. Both the original and resample results are shown.

Table 6
Summary of Background Levels and GWPS
Georgia Power Company
Plant Scherer - Ash Pond 1
Monroe County, GA

Analyte	Units	US EPA MCL	Federal CCR Rules Specified GWPS	AP-1 Background [1] July 2025	AP-1 GWPS[2] July 2025
Antimony	mg/L	0.006		0.005 [3]	0.006
Arsenic	mg/L	0.01		0.005 [3]	0.01
Barium	mg/L	2.0		0.091	2.0
Beryllium	mg/L	0.004		0.001 [3]	0.004
Cadmium	mg/L	0.005		0.0011 [3]	0.005
Chromium	mg/L	0.1		0.028	0.1
Cobalt	mg/L		0.006	0.005 [3]	0.006
Combined Radium 226 + 228	pCi/L	5.0		1.66	5.0
Fluoride	mg/L	4.0		0.2 [3]	4.0
Lead	mg/L		0.015	0.001 [3]	0.015
Lithium	mg/L		0.04	0.02 [3]	0.04
Mercury	mg/L	0.002		0.0005 [3]	0.002
Molybdenum	mg/L		0.1	0.005 [3]	0.1
Selenium	mg/L	0.05		0.005 [3]	0.05
Thallium	mg/L	0.002		0.001 [3]	0.002

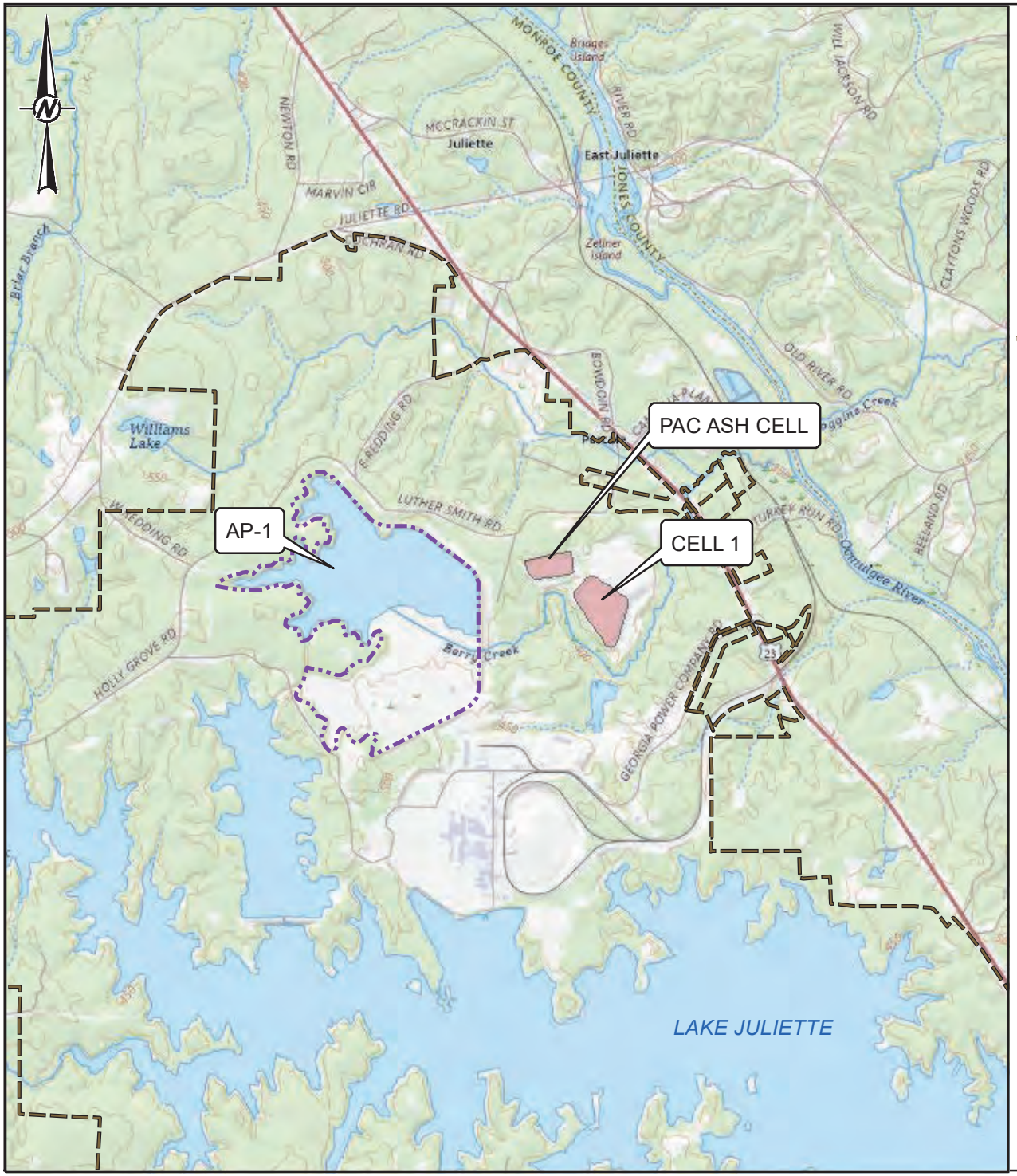
Notes:
mg/L = milligrams per liter; pCi/L = picocuries per liter; GWPS = Groundwater Protection Standards
MCL = Maximum Contaminant Level

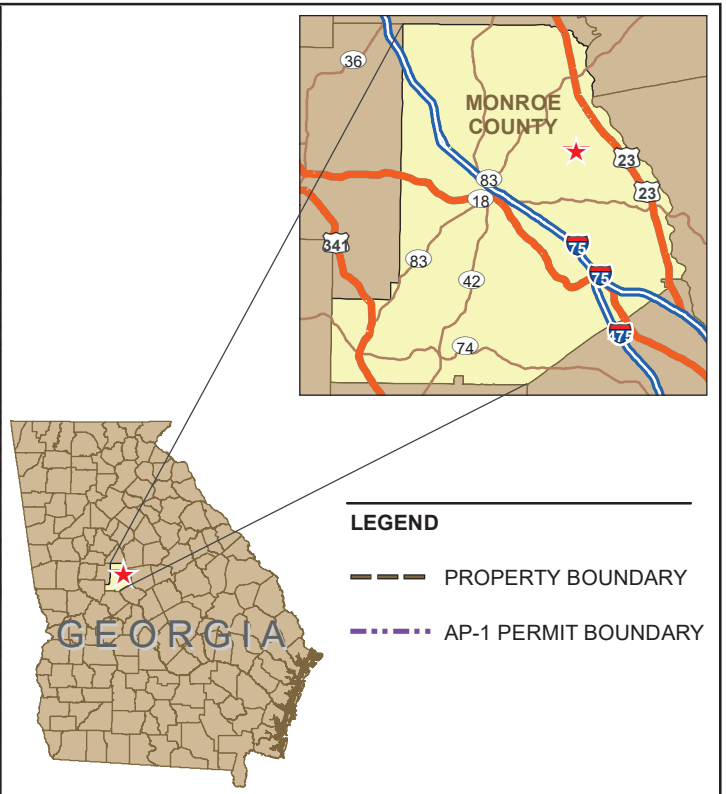
[1] The background limits are used when determining the groundwater protection standard (GWPS) under 40 CFR § 257.95(h) and 391-3-4-.10(6)(a).

[2] Adopted in GA EPD Rule 391-3-4-.10(6)(a), the GWPS is: (i) The MCL established under 40 CFR § 141.62 and 141.66, (ii) where an MCL has not been established the rule-specified GWPS, or (iii) background concentrations where the background level is higher than the MCL or rule-specified GWPS. On February 22, 2022, GA EPD adopted the federally promulgated GWPS for cobalt, lithium, lead, and molybdenum.

[3] The background tolerance limit (TL) used to evaluate GWPS for this analyte equals the laboratory specified reporting limit (RL). Per the Statistical Analysis Plan, and in accordance with the Unified Guidance, a non-parametric limit approach was used when the data set contains greater than 50% non-detect results for this analyte. Under this approach, the TL equals the highest value reported, for which is the laboratory RL. We also note that the values reported herein have been updated from the previously established GWPS which was determined based on estimated data. The modified GWPS also reflects additional outlier identification.

Figures





LEGEND

PROPERTY BOUNDARY

AP-1 PERMIT BOUNDARY

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

0 4000 8000

Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

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

TITLE
SITE LOCATION MAP

CONSULTANT

wsp

YYYY-MM-DD	2025-10-21
PREPARED	AR
DESIGN	RHG
REVIEW	RNQ
APPROVED	RNQ

PROJECT No.
31406440.018

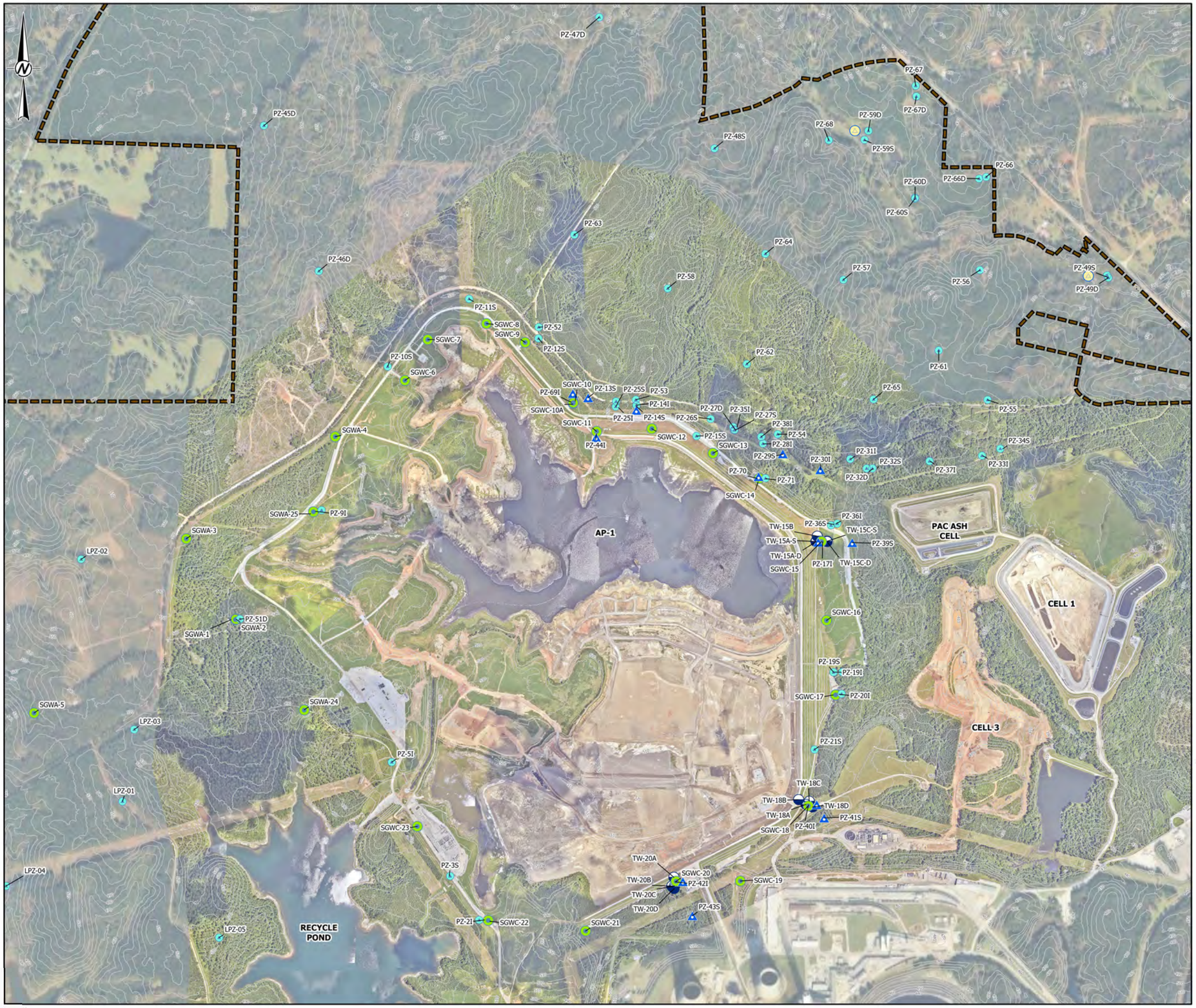
FIGURE
1

FIGURE
1

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

1 in

0



LEGEND

TYPE

- SCHERER ASH POND-CCR MONITORING WELL
- PIEZOMETER
- STREAM GAUGE LOCATION
- ASSESSMENT MONITORING WELL
- TEMPORARY WELL LOCATION
- PROPERTY BOUNDARY
- EXISTING TOPOGRAPHY

NOTE(S)

1. MONITORING WELL LOCATIONS PROVIDED BY JORDAN ENGINEERING.
2. PZ-50D IS NOT SHOWN; ITS LOCATION IS BEYOND THE MAPPED LIMITS.
3. WELLS PZ-70 AND PZ-71 WERE INSTALLED IN JUNE 2025. MONITORING WELL SGWC-10A WAS INSTALLED IN SEPTEMBER 2025.
4. PIEZOMETERS PZ-29S AND PZ-30I WERE CONVERTED TO ASSESSMENT MONITORING WELLS IN OCTOBER 2025.

REFERENCE(S)

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

0 600 1,200 2,400
Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

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

TITLE
SITE PLAN, MONITORING WELL AND PIEZOMETER LOCATION MAP

CONSULTANT

wsp

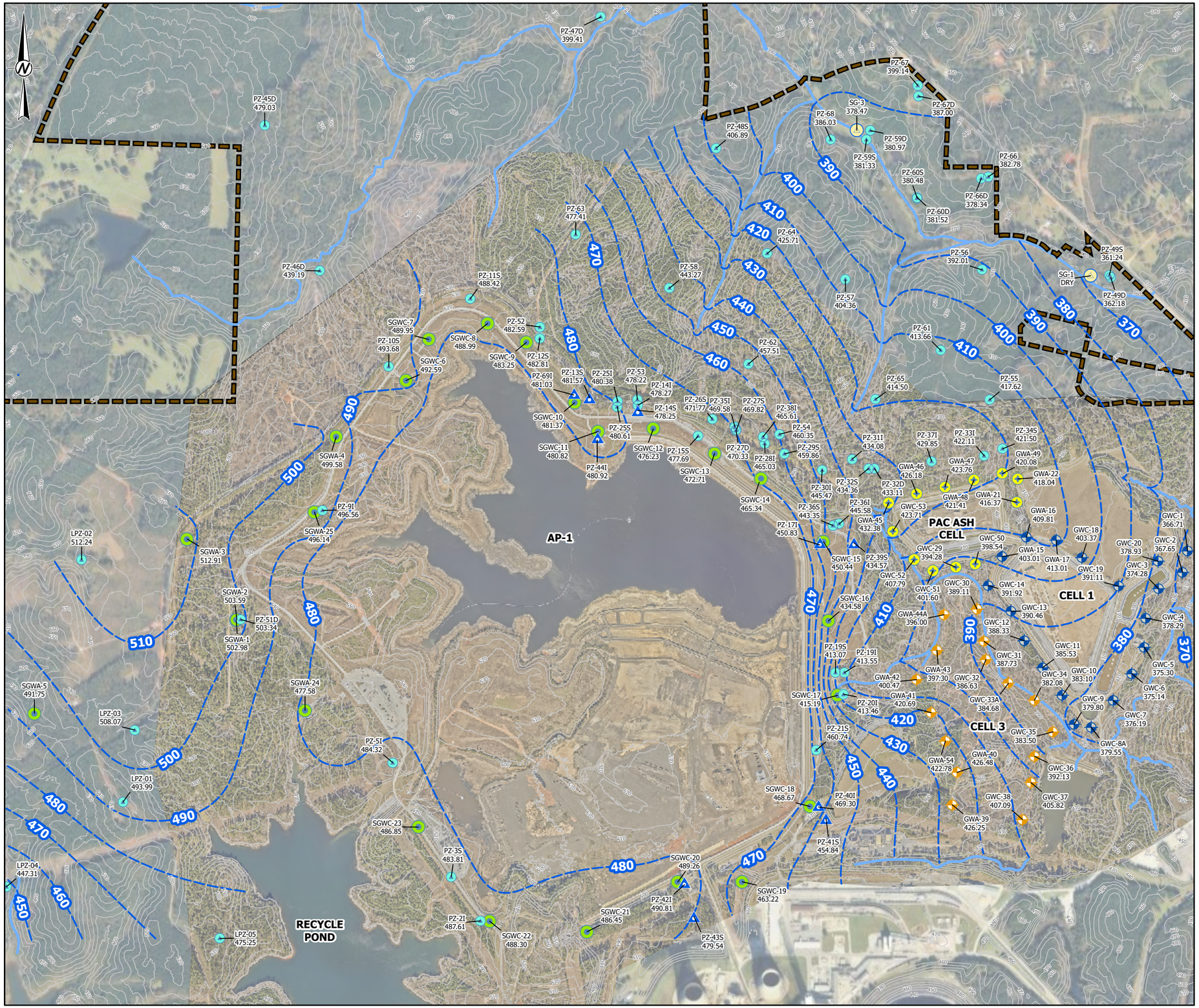
YYYY-MM-DD	2026-01-16
DESIGNED	RHG
PREPARED	CP
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.018

FIGURE
2

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

1 in
0



LEGEND

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

NOTE(S)

1. GROUNDWATER ELEVATIONS MEASUREMENTS OBTAINED FEBRUARY 18, 2025 BY WSP STAFF.
2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
3. **DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE POTENTIOMETRIC SURFACE CONTOURS.**
4. PZ-50D IS NOT SHOWN; ITS LOCATION IS BEYOND THE MAPPED LIMITS.

REFERENCE(S)

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

0 600 1,200 2,400 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

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

TITLE
POTENTIOMETRIC SURFACE MAP
FEBRUARY 18, 2025

CONSULTANT

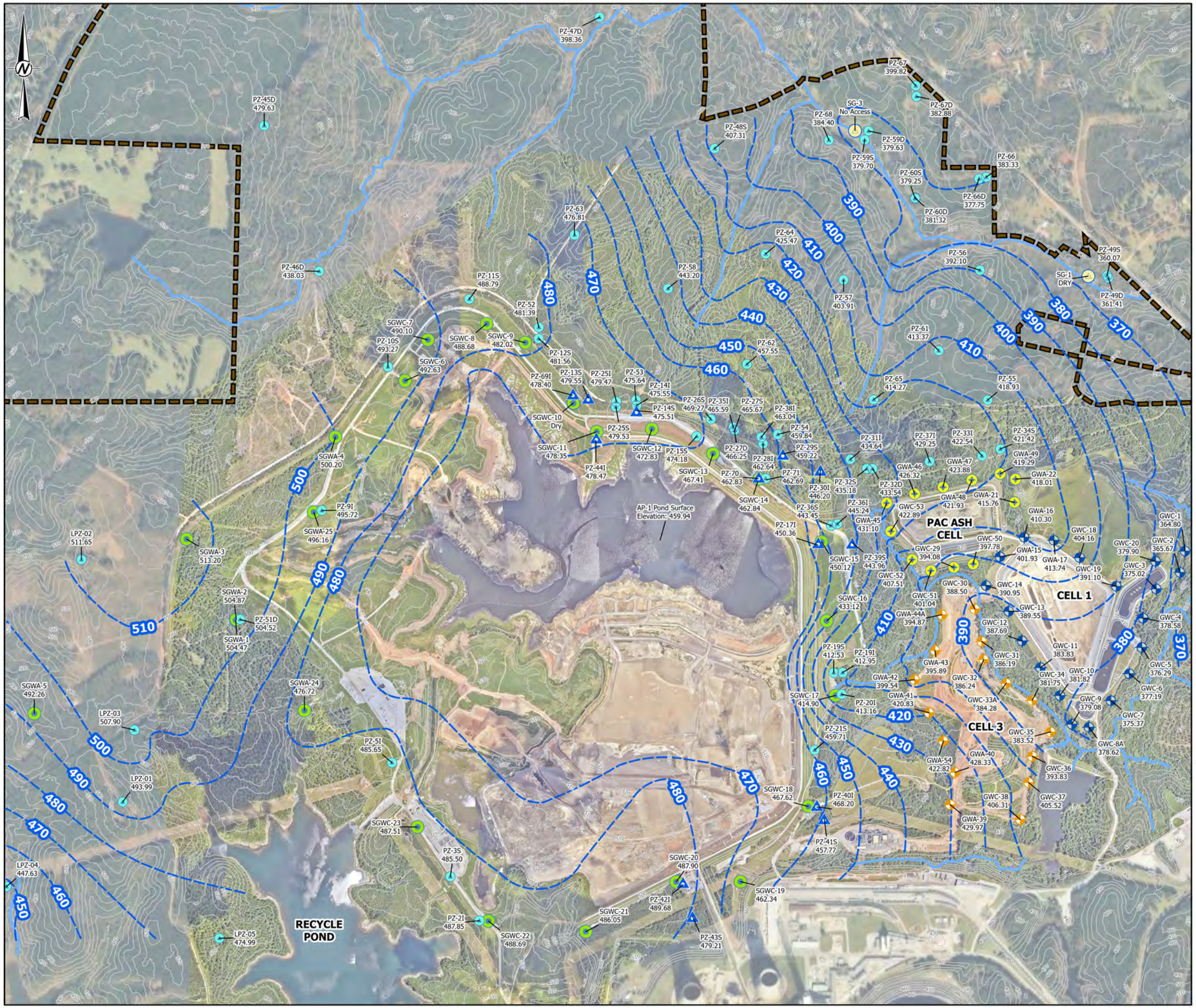
wsp

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

PROJECT NO. 31406440.018 | REV 1 | FIGURE 3A

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

0 1in



LEGEND

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

NOTE(S)

1. GROUNDWATER ELEVATIONS MEASUREMENTS OBTAINED JULY 22, 2025 BY WSP STAFF.
2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
3. **DEEP AND INTERMEDIATE WELL AND PZ-70 GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE POTENTIOMETRIC SURFACE CONTOURS.**
4. PZ-50D IS NOT SHOWN; ITS LOCATION IS BEYOND THE MAPPED LIMITS.
5. AP-1 SURFACE WATER ELEVATION OF 459.94 FEET NAVD 88 ON JULY 22, 2025 WAS USED TO GENERATE POTENTIOMETRIC SURFACE CONTOURS.

REFERENCE(S)

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



0 600 1,200 2,400 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

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

TITLE
POTENTIOMETRIC SURFACE MAP
JULY 22, 2025

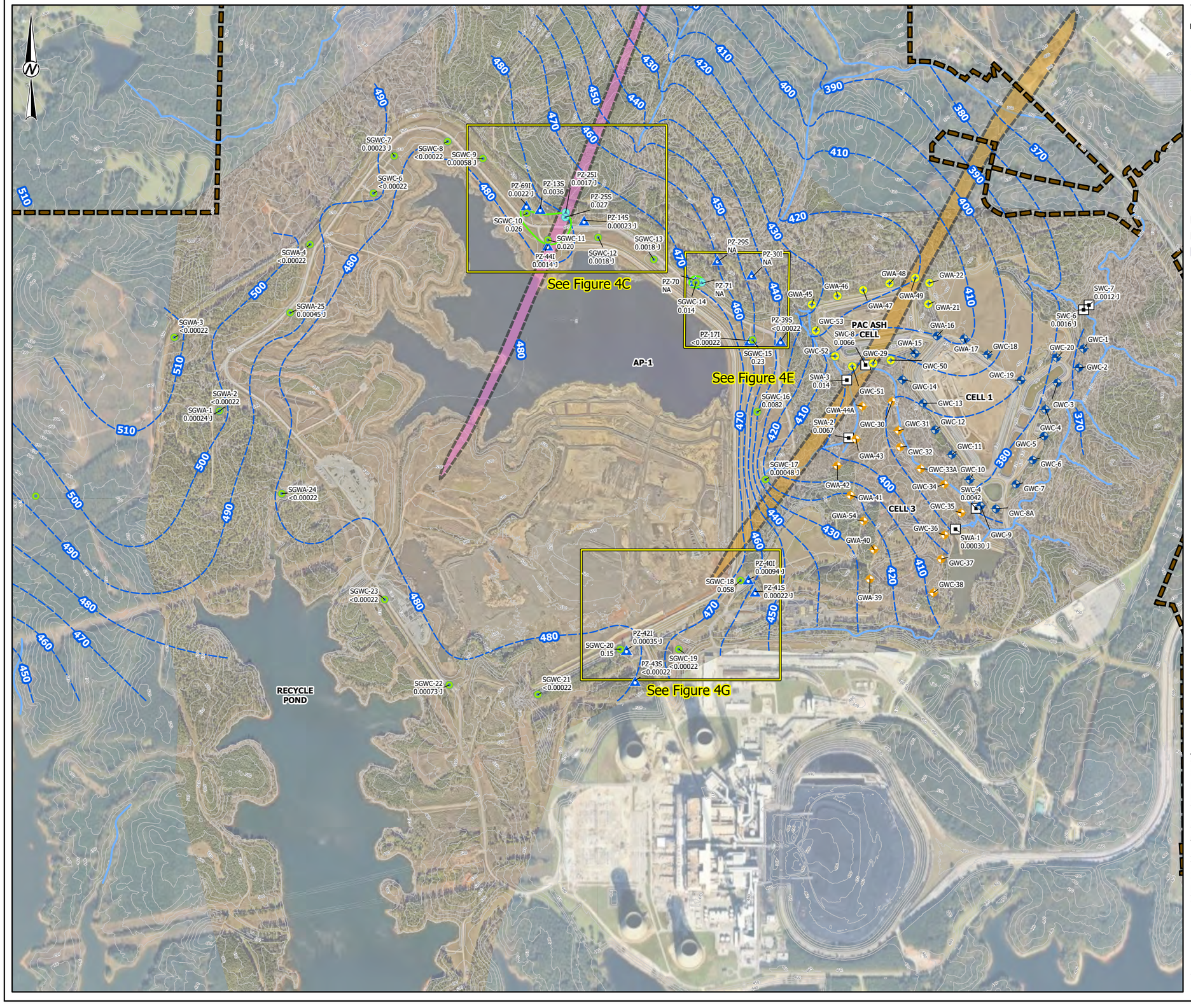
CONSULTANT

wsp

YYYY-MM-DD	2026-01-26
DESIGNED	RHG
PREPARED	CP
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO. 31406440.018 | REV 1 | FIGURE 3B

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



LEGEND

- PROPERTY BOUNDARY
- STREAM
- EXISTING TOPOGRAPHY
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- 0.006 COBALT ISOCONCENTRATION CONTOUR
- SCHERER ASH POND-CCR MONITORING WELL
- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- CELL 3 MONITORING WELL
- PIEZOMETER
- ASSESSMENT MONITORING WELL
- SURFACE WATER LOCATION
- DIABASE (Td)
- DIORITE SILL (OZpd)
- INSETS FOR COBALT ISOCONCENTRATION MAPS

ANALYTE	UNITS	SCREENING / TARGET LEVELS			
		RSL	MCL	SITE-SPECIFIC BACKGROUND (UPPER TOLERANCE LIMIT)	GWPS
COBALT, TOTAL	mg/L	0.006	N/R	0.0025	0.006

RSL = REGIONAL SCREENING LEVEL

MCL = MAXIMUM CONTAMINANT LEVEL

GWPS = GROUNDWATER PORTECTION STANDARD

N/R = NOT REPORTED

NA = NOT ANALYZED

NOTE(S)

1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.
2. CONCENTRATIONS REPORTED IN MILLIGRAMS PER LITER (MG/L), SAMPLED FEBRUARY 2025. J FLAGS INDICATE ESTIMATED VALUE.
3. THE GEOLOGY PRESENTED ON THIS FIGURE IS TAKEN FROM THE GEOLOGIC MAP PREPARED BY PETROLOGIC SOLUTIONS INC. IN 2020.
4. PIEZOMETERS PZ-70 AND PZ-71 WERE INSTALLED IN JUNE 2025.
5. ISOCONCENTRATION CONTOURS WERE NOT PRODUCED FOR SGWC-14 AS DELINEATION IS ONGOING
6. PIEZOMETERS PZ-29S AND PZ-30I WERE CONVERTED TO ASSESSMENT WELLS IN SEPTEMBER 2025

REFERENCE(S)

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

0 650 1,300 2,600 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

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

TITLE
COBALT ISOCONCENTRATION MAP
FEBRUARY 2025

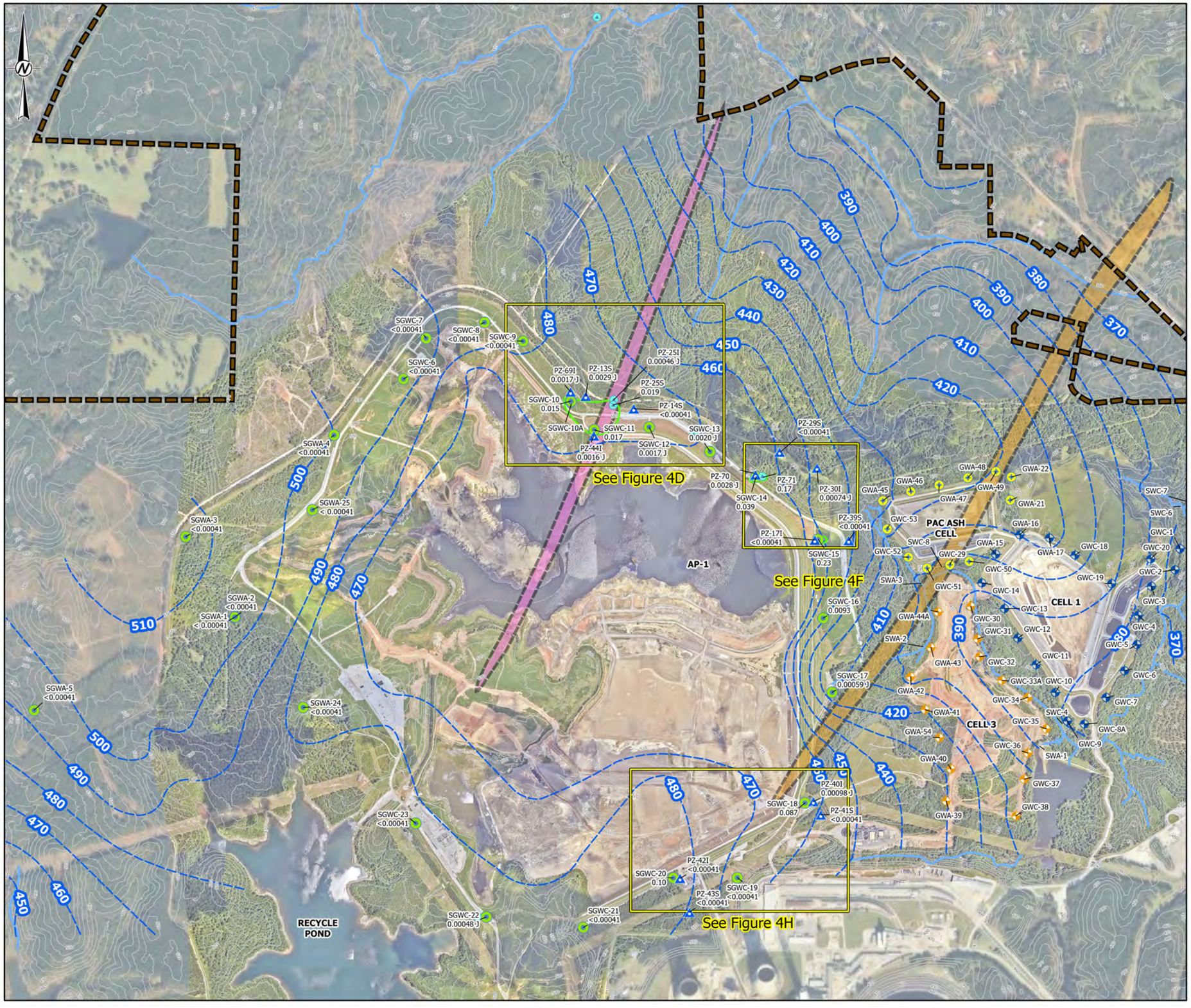
CONSULTANT

YYYY-MM-DD	2025-12-18
DESIGNED	RHG
PREPARED	JTB
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO. 31406440.018

FIGURE 4A

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



LEGEND

- PROPERTY BOUNDARY
- SCHERER ASH POND-CCR MONITORING WELL
- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- CELL 3 MONITORING WELL
- PIEZOMETER
- ASSESSMENT MONITORING WELL
- STREAM
- EXISTING TOPOGRAPHY
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- 0.006 COBALT ISOCONCENTRATION CONTOUR
- DIABASE (Td)
- DIORITE SILL (OZpd)
- INSETS FOR COBALT ISOCONCENTRATION MAPS

ANALYTE	UNITS	SCREENING / TARGET LEVELS			
		RSL	MCL	SITE-SPECIFIC BACKGROUND (UPPER TOLERANCE LIMIT)	GWPS
COBALT, TOTAL	mg/L	0.006	N/R	0.005	0.006

RSL = REGIONAL SCREENING LEVEL

MCL = MAXIMUM CONTAMINANT LEVEL

GWPS = GROUNDWATER PORTECTION STANDARD

N/R = NOT REPORTED

NA = NOT ANALYZED

NOTE(S)

1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.
2. CONCENTRATIONS REPORTED IN MILLIGRAMS PER LITER (MG/L), SAMPLED JULY - OCTOBER 2025. J FLAGS INDICATE ESTIMATED VALUE.
3. THE GEOLOGY PRESENTED ON THIS FIGURE IS TAKEN FROM THE GEOLOGIC MAP PREPARED BY PETROLOGIC SOLUTIONS INC. IN 2020.
4. WELLS PZ-70AND PZ-71 WERE INSTALLED IN JUNE 2025.
5. PIEZOMETERS PZ-29S AND PZ-30I WERE CONVERTED TO ASSESSMENT WELLS IN SEPTEMBER 2025

REFERENCE(S)

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

0 650 1,300 2,600 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

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

TITLE
COBALT ISOCONCENTRATION MAP
JULY-OCTOBER 2025

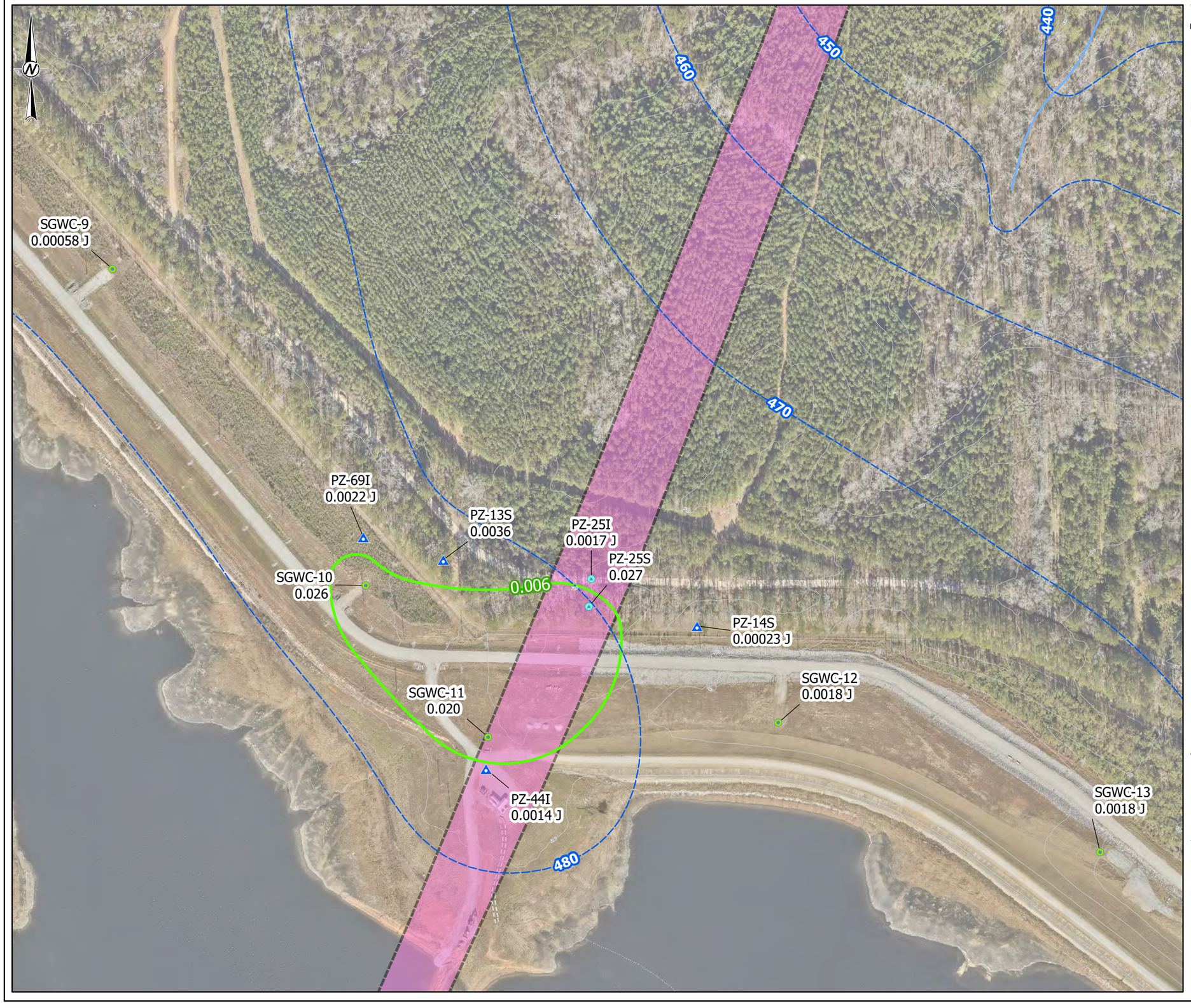
CONSULTANT
wsp

YYYY-MM-DD	2026-01-26
DESIGNED	RHG
PREPARED	CP
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.018

FIGURE
4B

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



LEGEND

- PROPERTY BOUNDARY
- STREAM
- EXISTING TOPOGRAPHY
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- 0.006 COBALT ISOCONCENTRATION CONTOUR
- DIABASE (Td)
- DIORITE SILL (OZpd)
- SCHERER ASH POND-CCR MONITORING WELL
- PIEZOMETER
- ASSESSMENT MONITORING WELL

ANALYTE	UNITS	SCREENING / TARGET LEVELS			
		RSL	MCL	SITE-SPECIFIC BACKGROUND (UPPER TOLERANCE LIMIT)	GWPS
COBALT, TOTAL	mg/L	0.006	N/R	0.0025	0.006

RSL = REGIONAL SCREENING LEVEL

MCL = MAXIMUM CONTAMINANT LEVEL

GWPS = GROUNDWATER PORTECTION STANDARD

N/R = NOT REPORTED

NA = NOT ANALYZED

NOTE(S)

1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.
2. CONCENTRATIONS REPORTED IN MILLIGRAMS PER LITER (MG/L), SAMPLED FEBRUARY 2025. J FLAGS INDICATE ESTIMATED VALUE.
3. THE GEOLOGY PRESENTED ON THIS FIGURE IS TAKEN FROM THE GEOLOGIC MAP PREPARED BY PETROLOGIC SOLUTIONS INC. IN 2020.

REFERENCE(S)

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

0 112.5 225 450 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

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

TITLE
INSET C - COBALT ISOCONCENTRATION MAP
FEBRUARY 2025

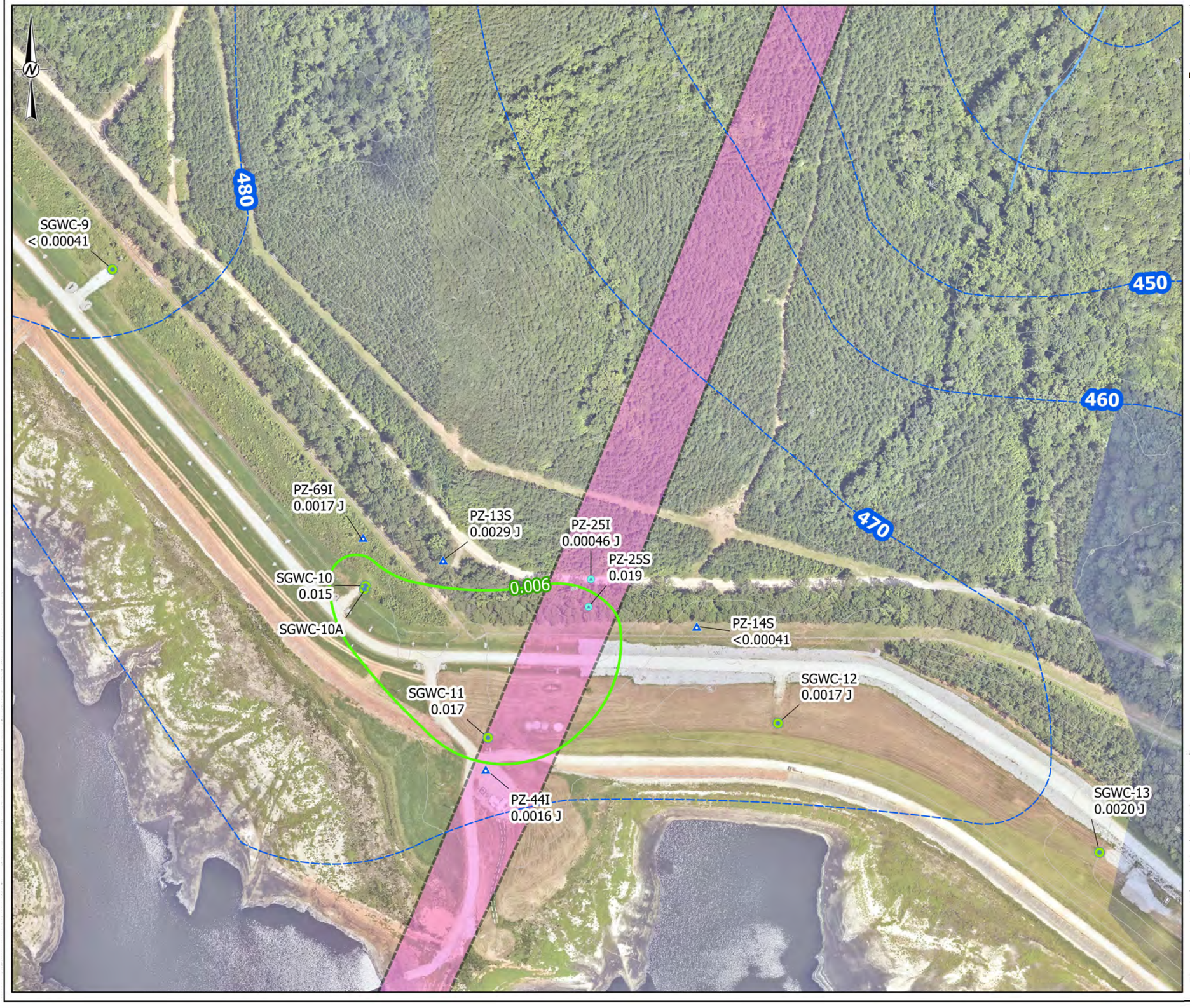
CONSULTANT
wsp

YYYY-MM-DD	2025-12-18
DESIGNED	RHG
PREPARED	JTB
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.018

FIGURE
4C

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



LEGEND

- SCHERER ASH POND-CCR MONITORING WELL
- PIEZOMETER
- ASSESSMENT MONITORING WELL
- PROPERTY BOUNDARY
- STREAM
- EXISTING TOPOGRAPHY
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- 0.006 COBALT ISOCONCENTRATION CONTOUR
- DIABASE (Td)
- DIORITE SILL (OZpd)

ANALYTE	UNITS	SCREENING / TARGET LEVELS			
		RSL	MCL	SITE-SPECIFIC BACKGROUND (UPPER TOLERANCE LIMIT)	GWPS
COBALT, TOTAL	mg/L	0.006	N/R	0.005	0.006

RSL = REGIONAL SCREENING LEVEL

MCL = MAXIMUM CONTAMINANT LEVEL

GWPS = GROUNDWATER PORTECTION STANDARD

N/R = NOT REPORTED

NA = NOT ANALYZED

NOTE(S)

1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.
2. CONCENTRATIONS REPORTED IN MILLIGRAMS PER LITER (MG/L), SAMPLED JULY - OCTOBER 2025. J FLAGS INDICATE ESTIMATED VALUE.
3. THE GEOLOGY PRESENTED ON THIS FIGURE IS TAKEN FROM THE GEOLOGIC MAP PREPARED BY PETROLOGIC SOLUTIONS INC. IN 2020.

REFERENCE(S)

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

0 112.5 225 450 Feet

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

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

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

TITLE
INSET D - COBALT ISOCONCENTRATION MAP
JULY - OCTOBER 2025

CONSULTANT
WSP

YYYY-MM-DD	2026-01-26
DESIGNED	RHG
PREPARED	CP
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.018

FIGURE
4D



LEGEND

- PROPERTY BOUNDARY
- STREAM
- EXISTING TOPOGRAPHY
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- 0.006 COBALT ISOCONCENTRATION CONTOUR
- DIABASE (Td)
- DIORITE SILL (OZpd)
- SCHERER ASH POND-CCR MONITORING WELL
- ASSESSMENT MONITORING WELL
- PIEZOMETER

ANALYTE	UNITS	SCREENING / TARGET LEVELS			
		RSL	MCL	SITE-SPECIFIC BACKGROUND (UPPER TOLERANCE LIMIT)	GWPS
COBALT, TOTAL	mg/L	0.006	N/R	0.0025	0.006

RSL = REGIONAL SCREENING LEVEL

MCL = MAXIMUM CONTAMINANT LEVEL

GWPS = GROUNDWATER PORTECTION STANDARD

N/R = NOT REPORTED

NA = NOT ANALYZED

NOTE(S)

1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.
2. CONCENTRATIONS REPORTED IN MILLIGRAMS PER LITER (MG/L), SAMPLED FEBRUARY 2025. J FLAGS INDICATE ESTIMATED VALUE.
3. THE GEOLOGY PRESENTED ON THIS FIGURE IS TAKEN FROM THE GEOLOGIC MAP PREPARED BY PETROLOGIC SOLUTIONS INC. IN 2020.

REFERENCE(S)

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

0 65 130 260 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

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

TITLE
INSET E - COBALT ISOCONCENTRATION MAP
FEBRUARY 2025

CONSULTANT
wsp

YYYY-MM-DD	2025-12-18
DESIGNED	RHG
PREPARED	JTB
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.018

FIGURE
4E

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

1 in
0



LEGEND

- SCHERER ASH POND-CCR MONITORING WELL
- PIEZOMETER
- ASSESSMENT MONITORING WELL
- PIEZOMETER
- PROPERTY BOUNDARY
- STREAM
- EXISTING TOPOGRAPHY
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- 0.006 COBALT ISOCONCENTRATION CONTOUR
- DIABASE (Td)
- DIORITE SILL (OZpd)

ANALYTE	UNITS	SCREENING / TARGET LEVELS			
		RSL	MCL	SITE-SPECIFIC BACKGROUND (UPPER TOLERANCE LIMIT)	GWPS
COBALT, TOTAL	mg/L	0.006	N/R	0.005	0.006

RSL = REGIONAL SCREENING LEVEL

MCL = MAXIMUM CONTAMINANT LEVEL

GWPS = GROUNDWATER PORTECTION STANDARD

N/R = NOT REPORTED

NA = NOT ANALYZED

NOTE(S)

1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.
2. CONCENTRATIONS REPORTED IN MILLIGRAMS PER LITER (MG/L), SAMPLED JULY - OCTOBER 2025. J FLAGS INDICATE ESTIMATED VALUE.
3. THE GEOLOGY PRESENTED ON THIS FIGURE IS TAKEN FROM THE GEOLOGIC MAP PREPARED BY PETROLOGIC SOLUTIONS INC. IN 2020.

REFERENCE(S)

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

0 65 130 260 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

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

TITLE
INSET F - COBALT ISOCONCENTRATION MAP
JULY - OCTOBER 2025

CONSULTANT
WSP

YYYY-MM-DD	2026-01-28
DESIGNED	RHG
PREPARED	CP
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.018

FIGURE
4F

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



LEGEND

- PROPERTY BOUNDARY
- STREAM
- EXISTING TOPOGRAPHY
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- 0.006 COBALT ISOCONCENTRATION CONTOUR
- DIABASE (Td)
- DIORITE SILL (OZpd)
- SCHERER ASH POND-CCR MONITORING WELL
- ASSESSMENT MONITORING WELL

ANALYTE	UNITS	SCREENING / TARGET LEVELS			
		RSL	MCL	SITE-SPECIFIC BACKGROUND (UPPER TOLERANCE LIMIT)	GWPS
COBALT, TOTAL	mg/L	0.006	N/R	0.0025	0.006

RSL = REGIONAL SCREENING LEVEL

MCL = MAXIMUM CONTAMINANT LEVEL

GWPS = GROUNDWATER PORTECTION STANDARD

N/R = NOT REPORTED

NA = NOT ANALYZED

NOTE(S)

1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.
2. CONCENTRATIONS REPORTED IN MILLIGRAMS PER LITER (MG/L), SAMPLED FEBRUARY 2025. J FLAGS INDICATE ESTIMATED VALUE.
3. THE GEOLOGY PRESENTED ON THIS FIGURE IS TAKEN FROM THE GEOLOGIC MAP PREPARED BY PETROLOGIC SOLUTIONS INC. IN 2020.

REFERENCE(S)

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

0 112.5 225 450 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

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

TITLE
INSET G - COBALT ISOCONCENTRATION MAP
FEBRUARY 2025

CONSULTANT
wsp

YYYY-MM-DD	2025-12-18
DESIGNED	RHG
PREPARED	JTB
REVIEWED	RNQ
APPROVED	RNQ

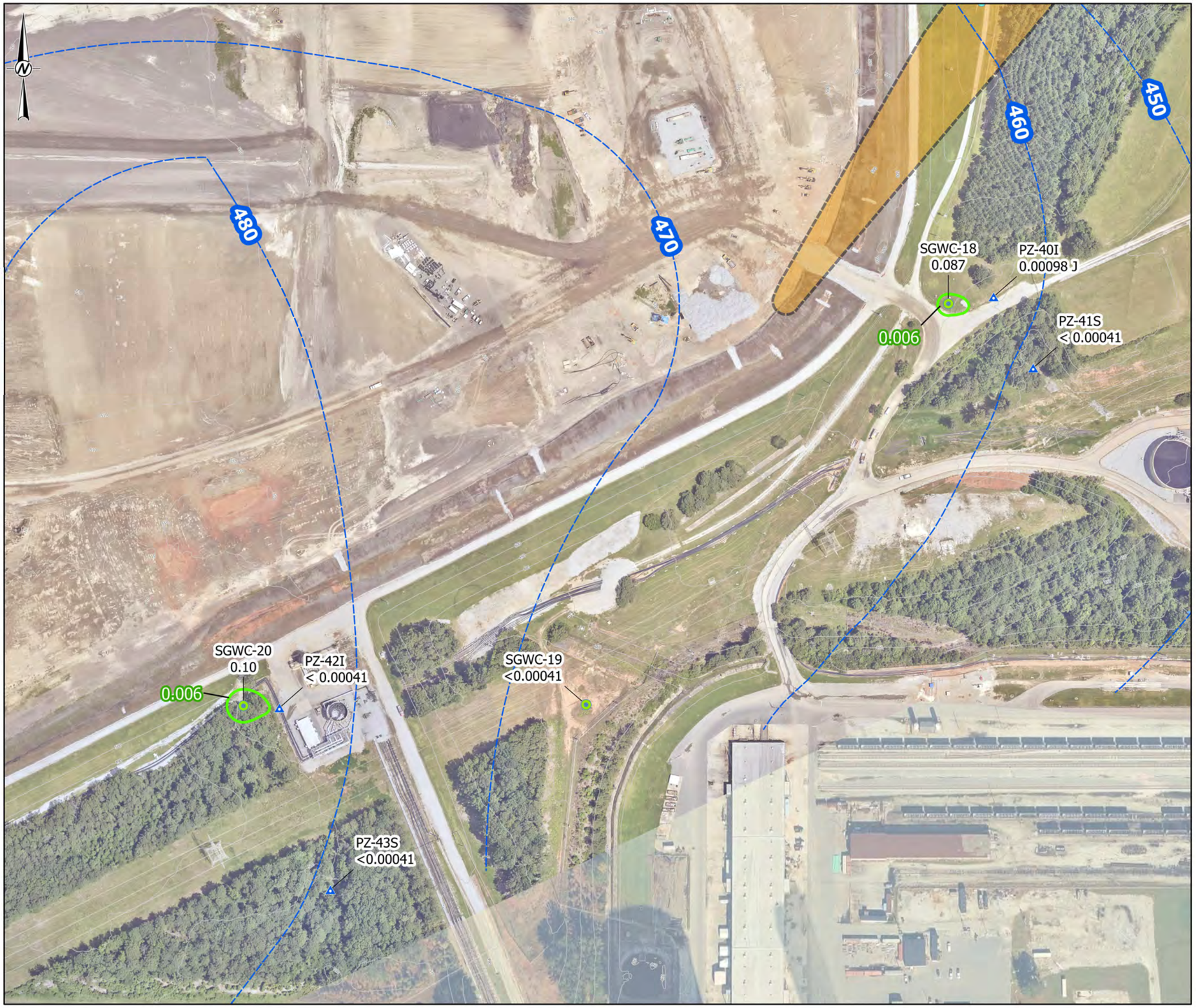
PROJECT NO.
31406440.018

FIGURE
4G

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

1 in

0



LEGEND

- SCHERER ASH POND-CCR MONITORING WELL
- PIEZOMETER
- ASSESSMENT MONITORING WELL
- PROPERTY BOUNDARY
- STREAM
- EXISTING TOPOGRAPHY
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- 0.006 COBALT ISOCONCENTRATION CONTOUR
- DIABASE (Td)
- DIORITE SILL (OZpd)

ANALYTE	UNITS	SCREENING / TARGET LEVELS			
		RSL	MCL	SITE-SPECIFIC BACKGROUND (UPPER TOLERANCE LIMIT)	GWPS
COBALT, TOTAL	mg/L	0.006	N/R	0.005	0.006

RSL = REGIONAL SCREENING LEVEL

MCL = MAXIMUM CONTAMINANT LEVEL

GWPS = GROUNDWATER PORTECTION STANDARD

N/R = NOT REPORTED

NA = NOT ANALYZED

NOTE(S)

1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.
2. CONCENTRATIONS REPORTED IN MILLIGRAMS PER LITER (MG/L), SAMPLED JULY - OCTOBER 2025. J FLAGS INDICATE ESTIMATED VALUE.
3. THE GEOLOGY PRESENTED ON THIS FIGURE IS TAKEN FROM THE GEOLOGIC MAP PREPARED BY PETROLOGIC SOLUTIONS INC. IN 2020.

REFERENCE(S)

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

0 112.5 225 450
Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

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

TITLE
INSET H - COBALT ISOCONCENTRATION MAP
JULY - OCTOBER 2025

CONSULTANT
wsp

YYYY-MM-DD	2026-01-28
DESIGNED	RHG
PREPARED	CP
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.018

FIGURE
4H

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

APPENDIX A

Field Data Forms and Instrument Calibration Records

APPENDIX A

Field Data Forms
February 2025

Low-Flow Test Report:

Test Date / Time: 2/19/2025 10:40:03 AM
Project: SCH-PZ-13S
Operator Name: Jake Stucky

Location Name: SCH-PZ-13S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.1 ft** **Total Depth: 48.1 ft** **Initial Depth to Water: 39 ft**	**Pump Type: Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 43.1 ft** **Estimated Total Volume Pumped: 16810 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.25 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 965586**

Test Notes:

Weather Conditions:
Rain

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/19/2025 10:40 AM	00:00	8.35 pH	11.70 °C	83.15 µS/cm	6.56 mg/L	455.00 NTU	-2.7 mV	39.00 ft	150.00 ml/min
2/19/2025 10:45 AM	05:00	5.44 pH	15.68 °C	70.04 µS/cm	1.40 mg/L	168.00 NTU	-18.2 mV	39.21 ft	200.00 ml/min
2/19/2025 10:50 AM	10:00	5.21 pH	15.78 °C	70.01 µS/cm	1.29 mg/L	140.00 NTU	-9.4 mV	39.25 ft	200.00 ml/min
2/19/2025 10:55 AM	15:00	5.18 pH	15.84 °C	69.87 µS/cm	1.15 mg/L	81.70 NTU	-3.2 mV	39.25 ft	200.00 ml/min
2/19/2025 11:00 AM	20:00	5.18 pH	15.93 °C	70.32 µS/cm	1.03 mg/L	46.20 NTU	1.2 mV	39.25 ft	200.00 ml/min
2/19/2025 11:05 AM	25:00	5.20 pH	16.06 °C	70.89 µS/cm	0.92 mg/L	36.50 NTU	3.9 mV	39.25 ft	200.00 ml/min
2/19/2025 11:10 AM	30:00	5.20 pH	16.01 °C	70.76 µS/cm	0.82 mg/L	22.90 NTU	6.8 mV	39.25 ft	200.00 ml/min
2/19/2025 11:11 AM	31:22	5.17 pH	16.02 °C	71.05 µS/cm	0.80 mg/L	22.90 NTU	8.0 mV	39.25 ft	200.00 ml/min
2/19/2025 11:14 AM	34:22	5.18 pH	15.97 °C	71.07 µS/cm	0.74 mg/L	13.70 NTU	8.7 mV	39.25 ft	200.00 ml/min
2/19/2025 11:17 AM	37:22	5.19 pH	15.89 °C	71.32 µS/cm	0.70 mg/L	8.57 NTU	10.0 mV	39.25 ft	200.00 ml/min
2/19/2025 11:20 AM	40:22	5.19 pH	15.97 °C	71.99 µS/cm	0.69 mg/L	8.24 NTU	11.1 mV	39.25 ft	200.00 ml/min
2/19/2025 11:23 AM	43:22	5.20 pH	15.93 °C	71.51 µS/cm	0.65 mg/L	7.40 NTU	11.2 mV	39.25 ft	200.00 ml/min
2/19/2025 11:26 AM	46:22	5.19 pH	15.74 °C	71.83 µS/cm	0.62 mg/L	6.74 NTU	12.6 mV	39.25 ft	200.00 ml/min

2/19/2025 11:29 AM	49:22	5.19 pH	15.84 °C	71.69 µS/cm	0.60 mg/L	4.94 NTU	13.3 mV	39.25 ft	200.00 ml/min
2/19/2025 11:32 AM	52:22	5.21 pH	15.84 °C	71.93 µS/cm	0.57 mg/L	4.10 NTU	13.4 mV	39.25 ft	200.00 ml/min
2/19/2025 11:33 AM	53:51	5.21 pH	15.80 °C	71.97 µS/cm	0.59 mg/L	4.10 NTU	13.8 mV	39.25 ft	200.00 ml/min
2/19/2025 11:38 AM	58:51	5.21 pH	15.99 °C	72.33 µS/cm	0.56 mg/L	3.65 NTU	14.9 mV	39.25 ft	200.00 ml/min
2/19/2025 11:43 AM	01:03:51	5.21 pH	15.93 °C	72.55 µS/cm	0.54 mg/L	4.03 NTU	15.9 mV	39.25 ft	200.00 ml/min
2/19/2025 11:48 AM	01:08:51	5.21 pH	15.98 °C	72.36 µS/cm	0.55 mg/L	3.13 NTU	17.0 mV	39.25 ft	200.00 ml/min
2/19/2025 11:53 AM	01:13:51	5.22 pH	15.72 °C	72.83 µS/cm	0.53 mg/L	3.58 NTU	18.0 mV	39.25 ft	200.00 ml/min
2/19/2025 11:58 AM	01:18:51	5.23 pH	15.62 °C	72.78 µS/cm	0.55 mg/L	2.89 NTU	19.0 mV	39.25 ft	200.00 ml/min
2/19/2025 12:03 PM	01:23:51	5.23 pH	16.02 °C	72.41 µS/cm	0.57 mg/L	2.70 NTU	19.1 mV	39.25 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-PZ-13S	
SCH-AP1-FD-3	

Low-Flow Test Report:

Test Date / Time: 2/19/2025 1:27:47 PM
Project: SCH-PZ-14S
Operator Name: Jake Stucky

Location Name: SCH-PZ-14S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.25 ft** **Total Depth: 48.25 ft** **Initial Depth to Water: 33.86 ft**	**Pump Type: Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 43.25 ft** **Estimated Total Volume Pumped: 3000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.08 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 965586**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/19/2025 1:27 PM	00:00	5.57 pH	16.00 °C	62.44 µS/cm	1.71 mg/L	19.50 NTU	38.1 mV	33.86 ft	150.00 ml/min
2/19/2025 1:32 PM	05:00	5.48 pH	16.72 °C	59.08 µS/cm	0.21 mg/L	13.80 NTU	40.5 mV	33.94 ft	150.00 ml/min
2/19/2025 1:37 PM	10:00	5.46 pH	16.79 °C	58.93 µS/cm	0.14 mg/L	7.80 NTU	40.6 mV	33.94 ft	150.00 ml/min
2/19/2025 1:42 PM	15:00	5.46 pH	16.83 °C	58.71 µS/cm	0.14 mg/L	4.01 NTU	40.7 mV	33.94 ft	150.00 ml/min
2/19/2025 1:47 PM	20:00	5.45 pH	16.96 °C	58.19 µS/cm	0.14 mg/L	2.47 NTU	40.7 mV	33.94 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-PZ-14S	
SCH-AP1-FB-3	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/21/2025 10:28:41 AM
Project: SCH-PZ-17I
Operator Name: EEA

Location Name: SCH-PZ-17I **Latitude: 33.07911096056872** **Longitude: -83.80585437236604** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 90.35 ft** **Total Depth: 100.35 ft** **Initial Depth to Water: 31.08 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 95.35 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2.12 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/21/2025 10:28 AM	00:00	8.07 pH	10.55 °C	491.74 µS/cm	10.56 mg/L		101.7 mV	31.08 ft	200.00 ml/min
2/21/2025 10:33 AM	05:00	7.08 pH	15.65 °C	390.93 µS/cm	0.68 mg/L	1.21 NTU	265.1 mV	32.80 ft	200.00 ml/min
2/21/2025 10:38 AM	10:00	7.02 pH	16.08 °C	370.49 µS/cm	0.25 mg/L	1.62 NTU	317.3 mV	33.00 ft	200.00 ml/min
2/21/2025 10:43 AM	15:00	7.01 pH	16.25 °C	378.05 µS/cm	0.20 mg/L	0.87 NTU	336.6 mV	33.10 ft	200.00 ml/min
2/21/2025 10:48 AM	20:00	7.00 pH	16.21 °C	382.00 µS/cm	0.20 mg/L	1.01 NTU	333.5 mV	33.20 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-PZ-17I	Sampled at 1048

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/20/2025 3:00:13 PM
Project: SCH-PZ-25I
Operator Name: Jake Stucky

Location Name: SCH-PZ-25I **Latitude: 33.083748600178716** **Longitude: -83.8140809465268** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 120.9 ft** **Total Depth: 130.9 ft** **Initial Depth to Water: 48.04 ft**	**Pump Type: Bladder** **Tubing Type: LPDE** **Pump Intake From TOC: 125.9 ft** **Estimated Total Volume Pumped: 9532.5 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.79 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 965586**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/20/2025 3:00 PM	00:00	11.52 pH	10.12 °C	450.71 µS/cm	3.88 mg/L	9.44 NTU	4.0 mV	48.04 ft	150.00 ml/min
2/20/2025 3:05 PM	05:00	11.68 pH	14.67 °C	476.67 µS/cm	1.19 mg/L	11.00 NTU	-13.4 mV	48.58 ft	150.00 ml/min
2/20/2025 3:10 PM	10:00	11.65 pH	15.67 °C	472.51 µS/cm	0.84 mg/L	11.20 NTU	-21.4 mV	48.75 ft	150.00 ml/min
2/20/2025 3:15 PM	15:00	11.66 pH	15.52 °C	475.35 µS/cm	0.43 mg/L	11.00 NTU	-26.9 mV	48.83 ft	150.00 ml/min
2/20/2025 3:20 PM	20:00	11.65 pH	15.70 °C	470.72 µS/cm	0.30 mg/L	10.10 NTU	-31.0 mV	48.83 ft	150.00 ml/min
2/20/2025 3:25 PM	25:00	11.64 pH	15.75 °C	449.35 µS/cm	0.25 mg/L	8.30 NTU	-32.8 mV	48.83 ft	150.00 ml/min
2/20/2025 3:30 PM	30:00	9.75 pH	15.97 °C	249.52 µS/cm	0.15 mg/L	6.00 NTU	-9.8 mV	48.83 ft	150.00 ml/min
2/20/2025 3:35 PM	35:00	8.27 pH	16.16 °C	262.43 µS/cm	0.18 mg/L	1.96 NTU	-43.3 mV	48.83 ft	150.00 ml/min
2/20/2025 3:40 PM	40:00	7.71 pH	15.95 °C	254.85 µS/cm	0.17 mg/L	1.99 NTU	-33.2 mV	48.83 ft	150.00 ml/min
2/20/2025 3:45 PM	45:00	7.38 pH	15.79 °C	246.21 µS/cm	0.15 mg/L	1.43 NTU	-22.9 mV	48.83 ft	150.00 ml/min
2/20/2025 3:50 PM	50:00	7.18 pH	15.84 °C	240.28 µS/cm	0.14 mg/L	1.75 NTU	-15.7 mV	48.83 ft	150.00 ml/min
2/20/2025 3:55 PM	55:00	7.05 pH	15.57 °C	236.13 µS/cm	0.12 mg/L	0.95 NTU	-9.1 mV	48.83 ft	150.00 ml/min
2/20/2025 4:00 PM	01:00:00	6.95 pH	15.88 °C	234.20 µS/cm	0.12 mg/L	1.06 NTU	-5.0 mV	48.83 ft	150.00 ml/min
2/20/2025 4:00 PM	01:00:33	6.93 pH	15.89 °C	234.04 µS/cm	0.12 mg/L	1.06 NTU	-3.7 mV	48.83 ft	150.00 ml/min
2/20/2025 4:03 PM	01:03:33	6.89 pH	15.75 °C	230.96 µS/cm	0.11 mg/L	0.75 NTU	-1.4 mV	48.83 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-PZ-25I	Sampled at 1604

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/20/2025 1:23:11 PM
Project: SCH-PZ-25S
Operator Name: Jake Stucky

Location Name: SCH-PZ-25S **Latitude: 33.083748600178716** **Longitude: -83.8140809465268** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 48.05 ft** **Total Depth: 58.05 ft** **Initial Depth to Water: 47.68 ft**	**Pump Type: Bladder** **Tubing Type: LPDE** **Pump Intake From TOC: 53.05 ft** **Estimated Total Volume Pumped: 3377.5 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.94 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 965586**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/20/2025 1:23 PM	00:00	5.35 pH	17.00 °C	31.96 µS/cm	4.67 mg/L	4.93 NTU	11.7 mV	47.68 ft	150.00 ml/min
2/20/2025 1:26 PM	03:00	4.76 pH	16.30 °C	32.53 µS/cm	1.56 mg/L	3.94 NTU	-7.9 mV	48.54 ft	150.00 ml/min
2/20/2025 1:27 PM	03:49	4.74 pH	16.29 °C	32.59 µS/cm	1.56 mg/L	3.94 NTU	-8.5 mV	48.54 ft	150.00 ml/min
2/20/2025 1:32 PM	08:49	4.68 pH	15.57 °C	32.37 µS/cm	1.64 mg/L	3.58 NTU	-2.2 mV	48.62 ft	150.00 ml/min
2/20/2025 1:37 PM	13:49	4.66 pH	14.80 °C	31.93 µS/cm	1.56 mg/L	2.33 NTU	1.0 mV	48.62 ft	150.00 ml/min
2/20/2025 1:42 PM	18:49	4.65 pH	14.04 °C	32.22 µS/cm	1.41 mg/L	1.15 NTU	1.2 mV	48.62 ft	150.00 ml/min
2/20/2025 1:45 PM	22:31	4.65 pH	14.35 °C	32.06 µS/cm	1.37 mg/L	1.11 NTU	2.3 mV	48.62 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-PZ-25S	sampled at 1346

Low-Flow Test Report:

Test Date / Time: 2/24/2025 2:16:45 PM
Project: SCH-PZ-39S
Operator Name: Zach West

Location Name: SCH-PZ-39S **Latitude: 33.07912564152908** **Longitude: -83.80465102175498** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 70.38 ft** **Total Depth: 80.38 ft** **Initial Depth to Water: 39.7 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 75 ft** **Estimated Total Volume Pumped: 3200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 160 ml/min** **Final Draw Down: 1.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:
Fe = 0

Weather Conditions:
Clear 62

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/24/2025 2:16 PM	00:00	6.65 pH	20.56 °C	215.61 µS/cm	1.24 mg/L	0.99 NTU	72.4 mV	39.70 ft	160.00 ml/min
2/24/2025 2:21 PM	05:00	6.63 pH	19.74 °C	219.91 µS/cm	0.59 mg/L	1.95 NTU	145.9 mV	40.75 ft	160.00 ml/min
2/24/2025 2:26 PM	10:00	6.62 pH	19.67 °C	219.35 µS/cm	0.54 mg/L	0.81 NTU	157.7 mV	40.85 ft	160.00 ml/min
2/24/2025 2:31 PM	15:00	6.62 pH	19.65 °C	218.65 µS/cm	0.45 mg/L	0.73 NTU	155.2 mV	40.85 ft	160.00 ml/min
2/24/2025 2:36 PM	20:00	6.61 pH	19.62 °C	218.03 µS/cm	0.39 mg/L	0.72 NTU	146.4 mV	40.85 ft	160.00 ml/min

Samples

Sample ID:	Description:
SCH-PZ-39S	

Low-Flow Test Report:

Test Date / Time: 2/20/2025 2:20:40 PM
Project: SCH-PZ-40I
Operator Name: Zach West

Location Name: SCH-PZ-40I **Latitude: 33.07028165902348** **Longitude: -83.80643096257366** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 75.93 ft** **Total Depth: 85.93 ft** **Initial Depth to Water: 44.8 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 80 ft** **Estimated Total Volume Pumped: 9570 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 3.85 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:
Fe = 1

Weather Conditions:
Clear 40

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/20/2025 2:20 PM	00:00	6.27 pH	16.96 °C	1,308.4 µS/cm	0.64 mg/L	0.46 NTU	22.7 mV	44.80 ft	200.00 ml/min
2/20/2025 2:25 PM	05:00	6.33 pH	17.54 °C	1,201.6 µS/cm	0.37 mg/L	0.52 NTU	18.6 mV	46.02 ft	200.00 ml/min
2/20/2025 2:30 PM	10:00	6.76 pH	17.44 °C	859.94 µS/cm	0.21 mg/L	0.71 NTU	3.0 mV	46.72 ft	200.00 ml/min
2/20/2025 2:33 PM	12:51	6.74 pH	17.62 °C	883.95 µS/cm	0.18 mg/L	0.71 NTU	9.4 mV	46.72 ft	200.00 ml/min
2/20/2025 2:38 PM	17:51	6.68 pH	17.27 °C	938.26 µS/cm	0.17 mg/L	0.57 NTU	14.3 mV	47.40 ft	200.00 ml/min
2/20/2025 2:43 PM	22:51	6.63 pH	17.39 °C	1,006.2 µS/cm	0.18 mg/L	0.55 NTU	16.3 mV	47.75 ft	200.00 ml/min
2/20/2025 2:48 PM	27:51	6.57 pH	17.18 °C	1,057.4 µS/cm	0.19 mg/L	0.50 NTU	17.7 mV	48.10 ft	200.00 ml/min
2/20/2025 2:53 PM	32:51	6.51 pH	17.09 °C	1,108.3 µS/cm	0.19 mg/L	0.41 NTU	17.2 mV	48.30 ft	200.00 ml/min
2/20/2025 2:58 PM	37:51	6.46 pH	17.44 °C	1,151.5 µS/cm	0.20 mg/L	0.40 NTU	18.6 mV	48.46 ft	200.00 ml/min
2/20/2025 3:03 PM	42:51	6.42 pH	17.25 °C	1,178.3 µS/cm	0.19 mg/L	0.45 NTU	15.9 mV	48.55 ft	200.00 ml/min
2/20/2025 3:08 PM	47:51	6.39 pH	17.21 °C	1,192.5 µS/cm	0.18 mg/L	0.25 NTU	20.1 mV	48.65 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-PZ-40I	Fe = 1

Low-Flow Test Report:

Test Date / Time: 2/21/2025 9:26:47 AM
Project: SCH-PZ-41S
Operator Name: Zach West

Location Name: SCH-PZ-41S **Latitude: 33.069808982584036** **Longitude: -83.80583262370897** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37.42 ft** **Total Depth: 47.42 ft** **Initial Depth to Water: 33.73 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 42 ft** **Estimated Total Volume Pumped: 3100 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 1.11 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:
Fe = 0

Weather Conditions:
29 clear

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/21/2025 9:26 AM	00:00	6.09 pH	14.52 °C	1,409.3 µS/cm	3.32 mg/L	14.20 NTU	134.2 mV	33.73 ft	160.00 ml/min
2/21/2025 9:31 AM	05:00	6.02 pH	15.08 °C	1,366.4 µS/cm	2.15 mg/L	11.10 NTU	119.1 mV	33.73 ft	160.00 ml/min
2/21/2025 9:36 AM	10:00	5.97 pH	14.39 °C	1,373.1 µS/cm	1.52 mg/L	6.97 NTU	113.2 mV	34.84 ft	100.00 ml/min
2/21/2025 9:41 AM	15:00	5.95 pH	14.53 °C	1,373.6 µS/cm	1.12 mg/L	3.28 NTU	109.3 mV	34.84 ft	100.00 ml/min
2/21/2025 9:46 AM	20:00	5.94 pH	14.77 °C	1,379.9 µS/cm	0.98 mg/L	2.94 NTU	105.7 mV	34.84 ft	100.00 ml/min
2/21/2025 9:51 AM	25:00	5.93 pH	14.91 °C	1,376.0 µS/cm	0.94 mg/L	2.39 NTU	108.7 mV	34.84 ft	100.00 ml/min

Samples

Sample ID:	Description:
SCH-PZ-41S	

Low-Flow Test Report:

Test Date / Time: 2/20/2025 1:26:41 PM
Project: SCH-PZ-42I
Operator Name: EEA

Location Name: SCH-PZ-42I **Latitude: 33.06766400127456** **Longitude: -83.81172394878776** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 87.46 ft** **Total Depth: 97.46 ft** **Initial Depth to Water: 12.3 ft**	**Pump Type: Peristaltic** **Tubing Type: LPE** **Pump Intake From TOC: 92.46 ft** **Estimated Total Volume Pumped: 5896.667 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 2.25 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/20/2025 1:26 PM	00:00	4.26 pH	10.60 °C	0.26 µS/cm	10.23 mg/L		310.0 mV	12.30 ft	200.00 ml/min
2/20/2025 1:30 PM	03:58	6.91 pH	11.25 °C	685.93 µS/cm	0.93 mg/L	5.48 NTU	136.4 mV	13.55 ft	200.00 ml/min
2/20/2025 1:35 PM	08:58	7.23 pH	12.41 °C	666.44 µS/cm	0.97 mg/L	1.35 NTU	117.1 mV	14.33 ft	200.00 ml/min
2/20/2025 1:40 PM	13:58	7.32 pH	12.73 °C	683.22 µS/cm	1.05 mg/L	1.45 NTU	75.9 mV	14.43 ft	175.00 ml/min
2/20/2025 1:43 PM	16:42	7.32 pH	11.73 °C	683.45 µS/cm	0.51 mg/L	1.27 NTU	17.6 mV	14.48 ft	175.00 ml/min
2/20/2025 1:48 PM	21:42	7.32 pH	11.62 °C	689.43 µS/cm	0.21 mg/L	1.74 NTU	20.0 mV	14.51 ft	175.00 ml/min
2/20/2025 1:53 PM	26:42	7.32 pH	11.70 °C	686.53 µS/cm	0.15 mg/L	1.81 NTU	10.1 mV	14.54 ft	175.00 ml/min
2/20/2025 1:58 PM	31:42	7.33 pH	11.88 °C	679.46 µS/cm	0.11 mg/L	1.07 NTU	8.5 mV	14.55 ft	175.00 ml/min

Samples

Sample ID:	Description:
SCH-PZ-42I	Sampled at 1400

Low-Flow Test Report:

Test Date / Time: 2/24/2025 11:01:25 AM
Project: Schemer SAGW01 2025
Operator Name: Jake Stucky

Location Name: SCH-PZ-43S **Latitude: 33.06601917522167** **Longitude: -83.8068835636683** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 43.9 ft** **Total Depth: 53.9 ft** **Initial Depth to Water: 24.57 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 49 ft** **Estimated Total Volume Pumped: 63321.668 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 350 ml/min** **Final Draw Down: 3.12 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 965586**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/24/2025 11:01 AM	00:00	7.88 pH	17.14 °C	432.45 µS/cm	8.31 mg/L	6.32 NTU	42.6 mV	24.57 ft	250.00 ml/min
2/24/2025 11:06 AM	05:00	11.89 pH	17.30 °C	931.04 µS/cm	3.96 mg/L	1.39 NTU	4.1 mV	26.42 ft	250.00 ml/min
2/24/2025 11:11 AM	10:00	11.99 pH	17.40 °C	1,016.3 µS/cm	3.66 mg/L	1.92 NTU	2.9 mV	26.88 ft	250.00 ml/min
2/24/2025 11:16 AM	15:00	12.00 pH	17.15 °C	988.15 µS/cm	3.37 mg/L	1.73 NTU	10.2 mV	26.78 ft	250.00 ml/min
2/24/2025 11:21 AM	20:00	11.96 pH	17.19 °C	925.91 µS/cm	3.19 mg/L	1.61 NTU	21.4 mV	26.73 ft	250.00 ml/min
2/24/2025 11:26 AM	25:00	11.91 pH	17.18 °C	867.24 µS/cm	3.01 mg/L	1.07 NTU	30.0 mV	26.77 ft	250.00 ml/min
2/24/2025 11:31 AM	30:00	11.84 pH	17.27 °C	784.29 µS/cm	2.76 mg/L	1.34 NTU	32.7 mV	26.72 ft	250.00 ml/min
2/24/2025 11:36 AM	35:00	11.76 pH	17.11 °C	717.77 µS/cm	2.54 mg/L	1.09 NTU	33.9 mV	26.50 ft	150.00 ml/min
2/24/2025 11:41 AM	40:00	11.66 pH	16.91 °C	655.18 µS/cm	2.31 mg/L	0.64 NTU	34.1 mV	26.40 ft	400.00 ml/min
2/24/2025 11:46 AM	45:00	11.48 pH	17.62 °C	588.26 µS/cm	2.13 mg/L	0.99 NTU	39.5 mV	27.58 ft	400.00 ml/min
2/24/2025 11:51 AM	50:00	11.08 pH	17.67 °C	494.01 µS/cm	1.67 mg/L	0.96 NTU	45.9 mV	27.77 ft	400.00 ml/min
2/24/2025 11:56 AM	55:00	10.95 pH	17.72 °C	476.48 µS/cm	1.57 mg/L	0.87 NTU	51.1 mV	28.09 ft	400.00 ml/min
2/24/2025 12:01 PM	01:00:00	10.77 pH	17.62 °C	451.92 µS/cm	1.47 mg/L	0.53 NTU	57.1 mV	28.09 ft	400.00 ml/min
2/24/2025 12:06 PM	01:05:00	10.52 pH	17.93 °C	445.70 µS/cm	1.37 mg/L	0.49 NTU	60.4 mV	28.05 ft	400.00 ml/min
2/24/2025 12:11 PM	01:10:00	10.15 pH	17.88 °C	438.20 µS/cm	1.13 mg/L	0.34 NTU	64.9 mV	28.35 ft	400.00 ml/min

2/24/2025 12:16 PM	01:15:00	9.94 pH	17.94 °C	438.69 µS/cm	1.03 mg/L	0.50 NTU	65.3 mV	28.46 ft	400.00 ml/min
2/24/2025 12:21 PM	01:20:00	9.84 pH	17.89 °C	436.20 µS/cm	1.00 mg/L	0.72 NTU	66.6 mV	28.46 ft	400.00 ml/min
2/24/2025 12:26 PM	01:25:00	9.77 pH	17.89 °C	435.20 µS/cm	0.99 mg/L	0.29 NTU	68.1 mV	28.46 ft	400.00 ml/min
2/24/2025 12:31 PM	01:30:00	9.53 pH	17.90 °C	434.99 µS/cm	0.88 mg/L	0.25 NTU	71.3 mV	28.55 ft	400.00 ml/min
2/24/2025 12:36 PM	01:35:00	9.23 pH	17.82 °C	436.06 µS/cm	0.76 mg/L	0.44 NTU	71.2 mV	28.80 ft	400.00 ml/min
2/24/2025 12:41 PM	01:40:00	9.12 pH	17.86 °C	432.55 µS/cm	0.78 mg/L	0.32 NTU	72.1 mV	28.79 ft	400.00 ml/min
2/24/2025 12:46 PM	01:45:00	9.11 pH	17.86 °C	434.63 µS/cm	0.79 mg/L	0.30 NTU	71.6 mV	28.88 ft	400.00 ml/min
2/24/2025 12:51 PM	01:50:00	8.90 pH	17.89 °C	435.58 µS/cm	0.74 mg/L	0.27 NTU	72.4 mV	28.89 ft	400.00 ml/min
2/24/2025 12:56 PM	01:55:00	8.68 pH	17.91 °C	433.66 µS/cm	0.71 mg/L	0.25 NTU	74.8 mV	28.22 ft	400.00 ml/min
2/24/2025 1:01 PM	02:00:00	8.40 pH	17.90 °C	434.03 µS/cm	0.64 mg/L	1.00 NTU	75.3 mV	28.22 ft	400.00 ml/min
2/24/2025 1:06 PM	02:05:00	8.31 pH	17.85 °C	430.68 µS/cm	0.62 mg/L	1.00 NTU	76.8 mV	26.48 ft	0.00 ml/min
2/24/2025 1:11 PM	02:10:00	8.12 pH	17.64 °C	350.16 µS/cm	8.67 mg/L	1.00 NTU	79.8 mV	27.01 ft	0.00 ml/min
2/24/2025 1:16 PM	02:15:00	8.01 pH	17.55 °C	405.53 µS/cm	1.14 mg/L	0.98 NTU	77.9 mV	27.35 ft	350.00 ml/min
2/24/2025 1:21 PM	02:20:00	7.96 pH	17.77 °C	432.51 µS/cm	0.82 mg/L	0.81 NTU	77.6 mV	27.43 ft	350.00 ml/min
2/24/2025 1:26 PM	02:25:00	7.79 pH	17.83 °C	432.10 µS/cm	0.58 mg/L	0.54 NTU	78.6 mV	27.77 ft	350.00 ml/min
2/24/2025 1:31 PM	02:30:00	7.68 pH	17.80 °C	429.90 µS/cm	0.55 mg/L	0.14 NTU	79.0 mV	27.77 ft	350.00 ml/min
2/24/2025 1:36 PM	02:35:00	7.65 pH	17.86 °C	432.44 µS/cm	0.54 mg/L	0.31 NTU	78.0 mV	27.79 ft	350.00 ml/min
2/24/2025 1:41 PM	02:40:00	7.79 pH	17.82 °C	431.38 µS/cm	0.75 mg/L	0.16 NTU	78.3 mV	27.85 ft	350.00 ml/min
2/24/2025 1:46 PM	02:45:00	7.76 pH	17.83 °C	433.90 µS/cm	0.61 mg/L	0.60 NTU	77.9 mV	27.82 ft	350.00 ml/min
2/24/2025 1:51 PM	02:50:00	7.70 pH	17.82 °C	430.67 µS/cm	0.59 mg/L	0.48 NTU	78.8 mV	27.76 ft	350.00 ml/min
2/24/2025 1:56 PM	02:55:00	7.61 pH	17.83 °C	428.45 µS/cm	0.61 mg/L	0.21 NTU	79.1 mV	27.74 ft	350.00 ml/min
2/24/2025 2:01 PM	03:00:00	7.53 pH	17.83 °C	428.51 µS/cm	0.55 mg/L	0.25 NTU	79.3 mV	27.72 ft	350.00 ml/min
2/24/2025 2:06 PM	03:05:00	7.49 pH	17.91 °C	430.42 µS/cm	0.52 mg/L	0.23 NTU	78.5 mV	27.70 ft	350.00 ml/min
2/24/2025 2:11 PM	03:10:00	7.43 pH	17.96 °C	427.78 µS/cm	0.48 mg/L	0.26 NTU	79.3 mV	27.69 ft	350.00 ml/min

Samples

Sample ID:	Description:

SCH-PZ-43S	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/24/2025 10:45:45 AM
Project: SCH-PZ-44I
Operator Name: Zach West

Location Name: SCH-PZ-44I **Latitude: 33.08280173581496** **Longitude: -83.81478166080298** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 107.2 ft** **Total Depth: 117.2 ft** **Initial Depth to Water: 29.57 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 112.2 ft** **Estimated Total Volume Pumped: 3200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 160 ml/min** **Final Draw Down: 1.08 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:
Fe = 1.5

Weather Conditions:
54 cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/24/2025 10:45 AM	00:00	7.23 pH	16.04 °C	216.32 µS/cm	5.32 mg/L	0.68 NTU	27.9 mV	29.57 ft	160.00 ml/min
2/24/2025 10:50 AM	05:00	6.79 pH	18.16 °C	237.80 µS/cm	0.20 mg/L	1.24 NTU	-18.6 mV	30.50 ft	160.00 ml/min
2/24/2025 10:55 AM	10:00	6.79 pH	18.17 °C	243.20 µS/cm	0.12 mg/L	1.38 NTU	-23.3 mV	30.65 ft	160.00 ml/min
2/24/2025 11:00 AM	15:00	6.78 pH	18.23 °C	241.18 µS/cm	0.09 mg/L	0.79 NTU	-39.2 mV	30.60 ft	160.00 ml/min
2/24/2025 11:05 AM	20:00	6.77 pH	18.28 °C	238.81 µS/cm	0.08 mg/L	0.43 NTU	-21.7 mV	30.60 ft	160.00 ml/min

Samples

Sample ID:	Description:
SCH-PZ-44I	FE=1.5

Low-Flow Test Report:

Test Date / Time: 2/24/2025 11:58:01 AM
Project: SCH-PZ-69I
Operator Name: Zach West

Location Name: SCH-PZ-69I **Latitude: 33.083886393467054** **Longitude: -83.81577294326586** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 98.16 ft** **Total Depth: 108.16 ft** **Initial Depth to Water: 27.95 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: ~103 ft** **Estimated Total Volume Pumped: 4330 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.1 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:
Fe = 1.5

Weather Conditions:
Clear 57

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/24/2025 11:58 AM	00:00	6.60 pH	18.91 °C	404.29 µS/cm	0.48 mg/L	0.66 NTU	29.4 mV	27.95 ft	200.00 ml/min
2/24/2025 12:03 PM	05:00	6.59 pH	18.88 °C	437.98 µS/cm	0.10 mg/L	0.26 NTU	23.5 mV	28.05 ft	200.00 ml/min
2/24/2025 12:08 PM	10:00	6.58 pH	18.93 °C	437.53 µS/cm	0.07 mg/L	0.24 NTU	29.1 mV	28.05 ft	200.00 ml/min
2/24/2025 12:09 PM	11:39	6.58 pH	19.05 °C	435.87 µS/cm	0.07 mg/L	0.17 NTU	29.3 mV	28.05 ft	200.00 ml/min
2/24/2025 12:14 PM	16:39	6.58 pH	19.07 °C	433.14 µS/cm	0.05 mg/L	0.20 NTU	29.9 mV	28.05 ft	200.00 ml/min
2/24/2025 12:19 PM	21:39	6.57 pH	19.01 °C	429.73 µS/cm	0.05 mg/L	0.14 NTU	33.4 mV	28.05 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-PZ-69I	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/20/2025 10:19:21 AM
Project: SCS Plant Scherer
Operator Name: Dana Bloomfield

Location Name: SCH-SGWA-1 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 40.02 ft** **Total Depth: 50.02 ft** **Initial Depth to Water: 43.79 m**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 44.6 ft** **Estimated Total Volume Pumped: 17375 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 0.42 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
DTW below top of screen, completed 3WV purge prior to sampling

Weather Conditions:
Cloudy 45

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 20	+/- 0.3	
2/20/2025 10:19 AM	00:00	6.29 pH	10.86 °C	46.52 µS/cm	10.53 mg/L	4.91 NTU	150.8 mV	43.79 ft	200.00 ml/min
2/20/2025 10:24 AM	05:00	5.47 pH	16.45 °C	38.27 µS/cm	3.81 mg/L	16.60 NTU	110.5 mV	44.00 ft	150.00 ml/min
2/20/2025 10:29 AM	10:00	5.48 pH	16.81 °C	37.70 µS/cm	2.86 mg/L	16.50 NTU	82.5 mV	44.01 ft	150.00 ml/min
2/20/2025 10:34 AM	15:00	5.44 pH	16.45 °C	34.99 µS/cm	2.75 mg/L	15.20 NTU	69.8 mV	44.03 ft	175.00 ml/min
2/20/2025 10:39 AM	20:00	5.44 pH	17.07 °C	34.99 µS/cm	2.45 mg/L	7.49 NTU	106.5 mV	44.09 ft	175.00 ml/min
2/20/2025 10:44 AM	25:00	5.44 pH	17.30 °C	33.49 µS/cm	2.32 mg/L	6.23 NTU	65.6 mV	44.11 ft	175.00 ml/min
2/20/2025 10:49 AM	30:00	5.45 pH	17.34 °C	33.39 µS/cm	2.19 mg/L	11.60 NTU	62.5 mV	44.29 ft	175.00 ml/min
2/20/2025 10:54 AM	35:00	5.45 pH	17.34 °C	32.72 µS/cm	2.06 mg/L	8.23 NTU	59.6 mV	44.34 ft	175.00 ml/min
2/20/2025 10:59 AM	40:00	5.46 pH	17.47 °C	33.45 µS/cm	2.04 mg/L	7.43 NTU	57.7 mV	44.36 ft	175.00 ml/min
2/20/2025 11:04 AM	45:00	5.47 pH	17.46 °C	33.36 µS/cm	2.07 mg/L	8.78 NTU	56.3 mV	44.35 ft	175.00 ml/min
2/20/2025 11:09 AM	50:00	5.47 pH	17.43 °C	33.50 µS/cm	1.94 mg/L	5.43 NTU	55.0 mV	44.35 ft	175.00 ml/min
2/20/2025 11:14 AM	55:00	5.47 pH	17.54 °C	32.92 µS/cm	1.88 mg/L	11.90 NTU	53.9 mV	44.30 ft	175.00 ml/min
2/20/2025 11:19 AM	01:00:00	5.47 pH	17.74 °C	32.68 µS/cm	1.78 mg/L	14.90 NTU	52.3 mV	44.25 ft	175.00 ml/min

2/20/2025 11:24 AM	01:05:00	5.50 pH	17.01 °C	34.11 µS/cm	2.17 mg/L	6.49 NTU	89.7 mV	44.24 ft	175.00 ml/min
2/20/2025 11:29 AM	01:10:00	5.48 pH	17.01 °C	33.57 µS/cm	2.27 mg/L	15.20 NTU	54.7 mV	44.21 ft	175.00 ml/min
2/20/2025 11:34 AM	01:15:00	5.49 pH	16.85 °C	33.14 µS/cm	2.11 mg/L	13.10 NTU	54.2 mV	44.21 ft	175.00 ml/min
2/20/2025 11:39 AM	01:20:00	5.48 pH	16.90 °C	32.90 µS/cm	1.99 mg/L	12.60 NTU	52.9 mV	44.21 ft	175.00 ml/min
2/20/2025 11:44 AM	01:25:00	5.44 pH	16.93 °C	32.45 µS/cm	1.89 mg/L	11.50 NTU	52.4 mV	44.21 ft	175.00 ml/min
2/20/2025 11:49 AM	01:30:00	5.43 pH	17.13 °C	32.41 µS/cm	1.82 mg/L	7.76 NTU	51.8 mV	44.21 ft	175.00 ml/min
2/20/2025 11:54 AM	01:35:00	5.44 pH	17.07 °C	32.55 µS/cm	1.83 mg/L	6.01 NTU	51.6 mV	44.21 ft	175.00 ml/min
2/20/2025 11:59 AM	01:40:00	5.44 pH	17.05 °C	32.30 µS/cm	1.83 mg/L	4.53 NTU	50.7 mV	44.21 ft	175.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWA-1	Sample time 11:59

Low-Flow Test Report:

Test Date / Time: 2/20/2025 12:31:08 PM
Project: SCH-SGWA-2
Operator Name: Dana Bloomfield

Location Name: SCH-SGWA-2 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 88.5 ft** **Total Depth: 98.5 ft** **Initial Depth to Water: 43.83 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 91.05 ft** **Estimated Total Volume Pumped: 20000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.38 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:

Weather Conditions:
Cloudy 40

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 20	+/- 0.3	
2/20/2025 12:31 PM	00:00	6.86 pH	13.33 °C	125.60 µS/cm	10.57 mg/L	2.72 NTU	78.4 mV	43.83 ft	200.00 ml/min
2/20/2025 12:36 PM	05:00	6.93 pH	15.49 °C	122.86 µS/cm	7.65 mg/L	0.83 NTU	46.1 mV	44.70 ft	200.00 ml/min
2/20/2025 12:41 PM	10:00	6.94 pH	16.13 °C	126.82 µS/cm	6.11 mg/L	0.98 NTU	42.3 mV	45.39 ft	200.00 ml/min
2/20/2025 12:46 PM	15:00	6.96 pH	15.68 °C	121.63 µS/cm	6.59 mg/L	0.32 NTU	41.2 mV	45.28 ft	200.00 ml/min
2/20/2025 12:51 PM	20:00	6.97 pH	15.72 °C	115.94 µS/cm	6.54 mg/L	0.55 NTU	40.6 mV	45.28 ft	200.00 ml/min
2/20/2025 12:56 PM	25:00	6.96 pH	15.82 °C	120.79 µS/cm	6.85 mg/L	0.96 NTU	69.3 mV	45.28 ft	200.00 ml/min
2/20/2025 1:01 PM	30:00	6.96 pH	16.16 °C	114.74 µS/cm	6.21 mg/L	0.62 NTU	41.4 mV	45.28 ft	200.00 ml/min
2/20/2025 1:06 PM	35:00	6.97 pH	15.82 °C	120.07 µS/cm	6.75 mg/L	0.74 NTU	40.4 mV	45.28 ft	200.00 ml/min
2/20/2025 1:11 PM	40:00	6.97 pH	15.68 °C	116.66 µS/cm	6.59 mg/L	0.80 NTU	69.0 mV	45.28 ft	200.00 ml/min
2/20/2025 1:16 PM	45:00	6.98 pH	15.49 °C	110.93 µS/cm	7.23 mg/L	0.44 NTU	40.7 mV	45.28 ft	200.00 ml/min
2/20/2025 1:21 PM	50:00	6.97 pH	15.54 °C	119.08 µS/cm	6.14 mg/L	0.19 NTU	39.7 mV	45.28 ft	200.00 ml/min
2/20/2025 1:26 PM	55:00	6.97 pH	15.50 °C	117.66 µS/cm	6.44 mg/L	0.86 NTU	68.9 mV	45.28 ft	200.00 ml/min
2/20/2025 1:31 PM	01:00:00	6.96 pH	15.80 °C	114.86 µS/cm	7.10 mg/L	0.76 NTU	41.0 mV	45.28 ft	200.00 ml/min

2/20/2025 1:36 PM	01:05:00	6.97 pH	15.59 °C	116.23 µS/cm	5.99 mg/L	0.92 NTU	41.3 mV	45.28 ft	200.00 ml/min
2/20/2025 1:41 PM	01:10:00	6.98 pH	15.63 °C	117.18 µS/cm	5.81 mg/L	0.43 NTU	40.9 mV	45.28 ft	200.00 ml/min
2/20/2025 1:46 PM	01:15:00	6.96 pH	15.73 °C	106.87 µS/cm	6.30 mg/L	0.63 NTU	69.9 mV	45.28 ft	200.00 ml/min
2/20/2025 1:51 PM	01:20:00	6.97 pH	16.01 °C	121.13 µS/cm	7.26 mg/L	0.23 NTU	40.1 mV	45.28 ft	200.00 ml/min
2/20/2025 1:56 PM	01:25:00	6.98 pH	15.90 °C	114.51 µS/cm	6.46 mg/L	0.58 NTU	39.9 mV	45.28 ft	200.00 ml/min
2/20/2025 2:01 PM	01:30:00	6.97 pH	16.02 °C	115.72 µS/cm		0.76 NTU	67.9 mV	45.28 ft	200.00 ml/min
2/20/2025 2:06 PM	01:35:00	6.96 pH	16.18 °C	115.73 µS/cm		0.96 NTU	40.2 mV	45.28 ft	200.00 ml/min
2/20/2025 2:11 PM	01:40:00	6.95 pH	15.83 °C	112.17 µS/cm		0.54 NTU	40.4 mV	45.28 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWA-2	Sample time 14:11

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/20/2025 1:58:58 PM
Project: SCH-SGWA-3
Operator Name: Daniel Howard

Location Name: SCH-SGWA-3 **Latitude: 33.08268253228914** **Longitude: -83.82533012897132** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 42.8 ft** **Total Depth: 52.8 ft** **Initial Depth to Water: 32.91 ft**	**Pump Type: Dedicated bladder** **Tubing Type: HDPE** **Pump Intake From TOC: 47.8 ft** **Estimated Total Volume Pumped: 3500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 1.92 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:
Sample time 1433

Weather Conditions:
Clear and sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/20/2025 1:58 PM	00:00	6.58 pH	17.16 °C	83.15 µS/cm	9.18 mg/L	2.05 NTU	176.5 mV	32.91 ft	100.00 ml/min
2/20/2025 2:03 PM	05:00	5.96 pH	15.82 °C	85.42 µS/cm	7.92 mg/L	0.45 NTU	184.5 mV	33.91 ft	100.00 ml/min
2/20/2025 2:08 PM	10:00	5.91 pH	16.31 °C	83.67 µS/cm	7.22 mg/L	0.24 NTU	183.1 mV	34.19 ft	100.00 ml/min
2/20/2025 2:13 PM	15:00	5.89 pH	16.27 °C	83.33 µS/cm	6.99 mg/L	0.20 NTU	183.1 mV	34.57 ft	100.00 ml/min
2/20/2025 2:18 PM	20:00	5.88 pH	16.18 °C	82.44 µS/cm	7.04 mg/L	0.19 NTU	181.9 mV	34.64 ft	100.00 ml/min
2/20/2025 2:23 PM	25:00	5.89 pH	15.55 °C	83.92 µS/cm	6.87 mg/L	0.20 NTU	178.9 mV	34.68 ft	100.00 ml/min
2/20/2025 2:28 PM	30:00	5.89 pH	15.73 °C	84.46 µS/cm	6.59 mg/L	0.15 NTU	179.6 mV	34.78 ft	100.00 ml/min
2/20/2025 2:33 PM	35:00	5.89 pH	15.95 °C	86.01 µS/cm	6.49 mg/L	0.20 NTU	179.7 mV	34.83 ft	100.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWA-3	

Low-Flow Test Report:

Test Date / Time: 2/19/2025 12:26:44 PM
Project: SCS Plant Scherer (3)
Operator Name: Daniel Howard

Location Name: SCH-SGWA-4 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 53.2 ft** **Total Depth: 63.2 ft** **Initial Depth to Water: 48.08 ft**	**Pump Type: Dedicated bladder** **Tubing Type: HDPE** **Pump Intake From TOC: 58.2 ft** **Estimated Total Volume Pumped: 3500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 1.09 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:
Sample time 1302

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/19/2025 12:26 PM	00:00	6.35 pH	14.14 °C	190.72 µS/cm	5.25 mg/L	0.37 NTU	192.4 mV	48.08 ft	100.00 ml/min
2/19/2025 12:31 PM	05:00	6.35 pH	14.38 °C	187.26 µS/cm	5.23 mg/L	0.51 NTU	170.1 mV	49.09 ft	100.00 ml/min
2/19/2025 12:36 PM	10:00	6.34 pH	14.38 °C	188.93 µS/cm	5.15 mg/L	0.42 NTU	205.3 mV	49.12 ft	100.00 ml/min
2/19/2025 12:41 PM	15:00	6.34 pH	14.48 °C	189.28 µS/cm	5.14 mg/L	0.25 NTU	207.1 mV	49.13 ft	100.00 ml/min
2/19/2025 12:46 PM	20:00	6.34 pH	14.47 °C	188.04 µS/cm	5.17 mg/L	0.28 NTU	167.2 mV	49.13 ft	100.00 ml/min
2/19/2025 12:51 PM	25:00	6.34 pH	14.23 °C	188.57 µS/cm	5.22 mg/L	0.19 NTU	164.3 mV	49.15 ft	100.00 ml/min
2/19/2025 12:56 PM	30:00	6.34 pH	14.28 °C	190.67 µS/cm	5.24 mg/L	0.21 NTU	202.9 mV	49.17 ft	100.00 ml/min
2/19/2025 1:01 PM	35:00	6.33 pH	14.32 °C	190.80 µS/cm	5.25 mg/L	0.17 NTU	205.6 mV	49.17 ft	100.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWA-4	

Low-Flow Test Report:

Test Date / Time: 2/20/2025 10:48:19 AM
Project: SCH-SGWA-5
Operator Name: Jake Stucky

Location Name: SCH-SGWA-5 **Latitude: 33.07352401961973** **Longitude: -83.83742652580106** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23.1 ft** **Total Depth: 33.1 ft** **Initial Depth to Water: 16.88 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 28.1 ft** **Estimated Total Volume Pumped: 4780 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.72 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 965586**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/20/2025 10:48 AM	00:00	8.50 pH	13.28 °C	67.57 µS/cm	9.31 mg/L	5.50 NTU	-31.1 mV	16.88 ft	150.00 ml/min
2/20/2025 10:53 AM	05:00	6.36 pH	14.85 °C	60.62 µS/cm	4.86 mg/L	2.49 NTU	-18.0 mV	17.48 ft	150.00 ml/min
2/20/2025 10:58 AM	10:00	5.58 pH	15.46 °C	60.18 µS/cm	4.62 mg/L	1.76 NTU	-4.7 mV	17.60 ft	150.00 ml/min
2/20/2025 11:03 AM	15:00	5.57 pH	15.74 °C	60.10 µS/cm	4.47 mg/L	1.42 NTU	-4.1 mV	17.60 ft	150.00 ml/min
2/20/2025 11:08 AM	20:00	5.57 pH	15.75 °C	59.61 µS/cm	4.25 mg/L	0.74 NTU	-1.6 mV	17.60 ft	150.00 ml/min
2/20/2025 11:13 AM	25:00	5.43 pH	15.60 °C	59.36 µS/cm	4.39 mg/L	0.58 NTU	4.2 mV	17.60 ft	150.00 ml/min
2/20/2025 11:14 AM	25:52	5.53 pH	15.65 °C	61.23 µS/cm	4.28 mg/L	0.58 NTU	4.2 mV	17.60 ft	150.00 ml/min
2/20/2025 11:17 AM	28:52	5.50 pH	15.75 °C	59.34 µS/cm	4.35 mg/L	0.46 NTU	7.0 mV	17.60 ft	150.00 ml/min
2/20/2025 11:20 AM	31:52	5.48 pH	15.82 °C	59.16 µS/cm	4.35 mg/L	0.54 NTU	9.9 mV	17.60 ft	150.00 ml/min

Samples

Sample ID:	Description:

SCH-SGWA-5	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/19/2025 11:55:51 AM
Project: SCH-SGWA-24
Operator Name: EEA

Location Name: SCH-SGWA-24 **Latitude: 33.073519558268366** **Longitude: -83.82659656908497** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.9 ft** **Total Depth: 42.9 ft** **Initial Depth to Water: 14.8 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 34.8 ft** **Estimated Total Volume Pumped: 6406.667 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.55 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Rainy 46F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/19/2025 11:55 AM	00:00	6.38 pH	15.18 °C	0.16 µS/cm	9.10 mg/L		162.1 mV	14.80 ft	200.00 ml/min
2/19/2025 12:00 PM	05:00	6.51 pH	16.53 °C	161.04 µS/cm	2.29 mg/L	4.10 NTU	409.1 mV	15.50 ft	200.00 ml/min
2/19/2025 12:07 PM	12:02	6.49 pH	16.17 °C	185.80 µS/cm	0.98 mg/L	6.46 NTU	274.1 mV	15.35 ft	200.00 ml/min
2/19/2025 12:12 PM	17:02	6.49 pH	16.28 °C	185.86 µS/cm	0.93 mg/L	5.97 NTU	396.7 mV	15.35 ft	200.00 ml/min
2/19/2025 12:17 PM	22:02	6.49 pH	16.19 °C	186.67 µS/cm	0.88 mg/L	7.08 NTU	393.7 mV	15.35 ft	200.00 ml/min
2/19/2025 12:22 PM	27:02	6.49 pH	16.18 °C	186.25 µS/cm	0.92 mg/L	4.23 NTU	387.6 mV	15.35 ft	200.00 ml/min
2/19/2025 12:27 PM	32:02	6.50 pH	16.16 °C	185.52 µS/cm	0.96 mg/L	4.53 NTU	379.5 mV	15.35 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWA-24	Sampled at 1228

Low-Flow Test Report:

Test Date / Time: 2/19/2025 1:50:23 PM
Project: SCH-SGWA-25
Operator Name: EEA

Location Name: SCH-SGWA-25 **Latitude: 33.08024907652564** **Longitude: -83.82630485406429** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38 ft** **Total Depth: 48 ft** **Initial Depth to Water: 30.31 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 39.75 ft** **Estimated Total Volume Pumped: 6530 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.39 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Raining 47F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/19/2025 1:50 PM	00:00	7.02 pH	14.80 °C	117.90 µS/cm	8.07 mg/L		137.7 mV	30.31 ft	200.00 ml/min
2/19/2025 1:53 PM	02:39	6.28 pH	16.43 °C	135.54 µS/cm	2.73 mg/L		389.3 mV	30.31 ft	200.00 ml/min
2/19/2025 1:58 PM	07:39	6.23 pH	17.01 °C	135.42 µS/cm	1.42 mg/L	5.55 NTU	418.7 mV	30.65 ft	200.00 ml/min
2/19/2025 2:03 PM	12:39	6.20 pH	17.10 °C	135.89 µS/cm	1.26 mg/L	4.50 NTU	422.0 mV	30.70 ft	200.00 ml/min
2/19/2025 2:08 PM	17:39	6.19 pH	17.20 °C	131.82 µS/cm	1.17 mg/L	2.51 NTU	575.3 mV	30.70 ft	200.00 ml/min
2/19/2025 2:13 PM	22:39	6.19 pH	17.15 °C	131.77 µS/cm	1.12 mg/L	2.64 NTU	419.1 mV	30.70 ft	200.00 ml/min
2/19/2025 2:18 PM	27:39	6.18 pH	17.07 °C	128.80 µS/cm	1.08 mg/L	1.67 NTU	556.9 mV	30.70 ft	200.00 ml/min
2/19/2025 2:23 PM	32:39	6.18 pH	16.98 °C	129.99 µS/cm	1.05 mg/L	1.43 NTU	388.9 mV	30.70 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWA-25	

Low-Flow Test Report:

Test Date / Time: 2/20/2025 10:21:18 AM
Project: SCH-SGWC-6 (2)
Operator Name: Zach West

Location Name: SCH-SGWC-6 **Latitude: 33.08462511958315** **Longitude: -83.82259845505584** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 17.6 ft** **Total Depth: 27.6 ft** **Initial Depth to Water: 17.72 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 22.6 ft** **Estimated Total Volume Pumped: 10400 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 160 ml/min** **Final Draw Down: 3.31 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:
Day 2 of purging 3WV

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/20/2025 10:21 AM	00:00	6.31 pH	14.92 °C	162.94 µS/cm	0.93 mg/L	1.28 NTU	181.9 mV	17.72 ft	160.00 ml/min
2/20/2025 10:26 AM	05:00	6.31 pH	16.13 °C	153.36 µS/cm	0.82 mg/L	1.08 NTU	167.2 mV	18.83 ft	160.00 ml/min
2/20/2025 10:31 AM	10:00	6.31 pH	15.75 °C	155.22 µS/cm	1.41 mg/L	2.64 NTU	160.6 mV	19.25 ft	160.00 ml/min
2/20/2025 10:36 AM	15:00	6.32 pH	15.62 °C	154.42 µS/cm	1.93 mg/L	2.59 NTU	192.2 mV	19.55 ft	160.00 ml/min
2/20/2025 10:41 AM	20:00	6.32 pH	15.43 °C	153.49 µS/cm	2.15 mg/L	1.58 NTU	157.5 mV	19.80 ft	160.00 ml/min
2/20/2025 10:46 AM	25:00	6.32 pH	15.95 °C	154.32 µS/cm	2.17 mg/L	1.47 NTU	148.2 mV	20.06 ft	160.00 ml/min
2/20/2025 10:51 AM	30:00	6.31 pH	16.19 °C	152.87 µS/cm	1.90 mg/L	0.85 NTU	147.1 mV	20.22 ft	160.00 ml/min
2/20/2025 10:56 AM	35:00	6.31 pH	16.37 °C	152.65 µS/cm	1.78 mg/L	1.28 NTU	170.8 mV	20.39 ft	160.00 ml/min
2/20/2025 11:01 AM	40:00	6.31 pH	16.20 °C	151.60 µS/cm	1.49 mg/L	1.07 NTU	146.1 mV	20.52 ft	160.00 ml/min
2/20/2025 11:06 AM	45:00	6.31 pH	16.46 °C	149.41 µS/cm	1.25 mg/L	0.67 NTU	142.1 mV	20.68 ft	160.00 ml/min
2/20/2025 11:11 AM	50:00	6.30 pH	16.75 °C	152.36 µS/cm	1.09 mg/L	0.57 NTU	139.3 mV	20.78 ft	160.00 ml/min
2/20/2025 11:16 AM	55:00	6.30 pH	17.18 °C	148.35 µS/cm	0.66 mg/L	1.72 NTU	137.1 mV	20.88 ft	160.00 ml/min
2/20/2025 11:21 AM	01:00:00	6.30 pH	16.72 °C	148.28 µS/cm	0.61 mg/L	0.68 NTU	135.7 mV	20.96 ft	160.00 ml/min
2/20/2025 11:26 AM	01:05:00	6.30 pH	16.55 °C	149.47 µS/cm	0.50 mg/L	0.91 NTU	133.7 mV	21.03 ft	160.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-6	

Low-Flow Test Report:

Test Date / Time: 2/19/2025 10:45:07 AM
Project: SCH-SGWC-7
Operator Name: Zach West

Location Name: SCH-SGWC-7 **Latitude: 33.08462511958315** **Longitude: -83.82259845505584** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 17.6 ft** **Total Depth: 24.0 ft** **Initial Depth to Water: 16.37 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 19.24 ft** **Estimated Total Volume Pumped: 12466.667 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.28 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:
Fe=0

Weather Conditions:
Rain 43

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/19/2025 10:45 AM	00:00	7.04 pH	9.47 °C	308.26 µS/cm	7.51 mg/L	1.96 NTU	13.6 mV	16.37 ft	160.00 ml/min
2/19/2025 10:50 AM	05:00	6.72 pH	15.48 °C	281.93 µS/cm	1.35 mg/L	2.70 NTU	11.2 mV	16.65 ft	160.00 ml/min
2/19/2025 10:55 AM	10:00	6.59 pH	16.12 °C	257.56 µS/cm	0.80 mg/L	2.34 NTU	38.5 mV	16.63 ft	160.00 ml/min
2/19/2025 11:00 AM	15:00	6.56 pH	16.15 °C	244.56 µS/cm	0.90 mg/L	1.09 NTU	56.7 mV	16.63 ft	160.00 ml/min
2/19/2025 11:05 AM	20:00	6.54 pH	16.36 °C	239.10 µS/cm	1.11 mg/L	0.90 NTU	56.0 mV	16.65 ft	160.00 ml/min
2/19/2025 11:10 AM	25:00	6.53 pH	16.36 °C	235.72 µS/cm	1.21 mg/L	0.84 NTU	60.9 mV	16.65 ft	160.00 ml/min
2/19/2025 11:15 AM	30:00	6.52 pH	16.47 °C	234.92 µS/cm	1.30 mg/L	1.00 NTU	80.3 mV	16.65 ft	200.00 ml/min
2/19/2025 11:20 AM	35:00	6.52 pH	16.51 °C	234.16 µS/cm	1.35 mg/L	0.94 NTU	68.6 mV	16.65 ft	200.00 ml/min
2/19/2025 11:25 AM	40:00	6.52 pH	16.28 °C	232.79 µS/cm	1.37 mg/L	0.92 NTU	68.2 mV	16.65 ft	200.00 ml/min
2/19/2025 11:27 AM	42:18	6.51 pH	16.40 °C	234.14 µS/cm	1.39 mg/L	0.92 NTU	47.2 mV	16.65 ft	200.00 ml/min
2/19/2025 11:27 AM	42:48	6.51 pH	16.42 °C	234.56 µS/cm	1.38 mg/L	1.05 NTU	52.4 mV	16.65 ft	200.00 ml/min
2/19/2025 11:28 AM	43:20	6.52 pH	16.46 °C	235.24 µS/cm	1.39 mg/L	1.05 NTU	57.5 mV	16.65 ft	200.00 ml/min
2/19/2025 11:33 AM	48:20	6.52 pH	16.38 °C	233.16 µS/cm	1.39 mg/L	0.80 NTU	85.5 mV	16.65 ft	200.00 ml/min

2/19/2025 11:38 AM	53:20	6.51 pH	16.53 °C	233.55 µS/cm	1.41 mg/L	0.83 NTU	88.6 mV	16.65 ft	200.00 ml/min
2/19/2025 11:43 AM	58:20	6.51 pH	16.19 °C	232.74 µS/cm	1.41 mg/L	1.08 NTU	70.4 mV	16.65 ft	200.00 ml/min
2/19/2025 11:48 AM	01:03:20	6.51 pH	16.46 °C	233.72 µS/cm	1.42 mg/L	0.94 NTU	72.6 mV	16.65 ft	200.00 ml/min
2/19/2025 11:53 AM	01:08:20	6.51 pH	16.28 °C	234.10 µS/cm	1.43 mg/L	0.98 NTU	73.1 mV	16.65 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-7	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/19/2025 1:04:16 PM
Project: SCH-SGCW-8
Operator Name: Zach West

Location Name: SCH-SGWC-8 **Latitude: 33.08655689641337** **Longitude: -83.81923932984931** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.6 ft** **Total Depth: 42.6 ft** **Initial Depth to Water: 25.14 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 34.2 ft** **Estimated Total Volume Pumped: 3200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 160 ml/min** **Final Draw Down: 0.21 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
Overcast 47

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/19/2025 1:04 PM	00:00	6.66 pH	15.83 °C	512.58 µS/cm	4.76 mg/L	1.59 NTU	115.2 mV	25.14 ft	160.00 ml/min
2/19/2025 1:09 PM	05:00	6.66 pH	16.64 °C	498.28 µS/cm	4.45 mg/L	1.36 NTU	95.9 mV	25.35 ft	160.00 ml/min
2/19/2025 1:14 PM	10:00	6.65 pH	16.55 °C	498.47 µS/cm	4.42 mg/L	1.34 NTU	93.8 mV	25.35 ft	160.00 ml/min
2/19/2025 1:19 PM	15:00	6.65 pH	16.48 °C	497.46 µS/cm	4.40 mg/L	1.20 NTU	123.0 mV	25.35 ft	160.00 ml/min
2/19/2025 1:24 PM	20:00	6.65 pH	16.48 °C	500.57 µS/cm	4.40 mg/L	0.92 NTU	92.0 mV	25.35 ft	160.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-8	

Low-Flow Test Report:

Test Date / Time: 2/19/2025 9:37:42 AM
Project: SCH-SGWC-9
Operator Name: Terrell Parker

Location Name: SCH-SGWC-9 **Latitude: 33.085919162289315** **Longitude: -83.8177675568348** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 27.8 ft** **Total Depth: 37.8 ft** **Initial Depth to Water: 27.41 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: 1/4 LDPE** **Pump Intake From TOC: 32.8 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.75 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:
Overcast, sprinkling rain

Weather Conditions:
Overcast, sprinkling rain. 45 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/19/2025 9:37 AM	00:00	7.33 pH	14.31 °C	561.02 µS/cm	9.03 mg/L	1.25 NTU	155.9 mV	28.15 ft	200.00 ml/min
2/19/2025 9:42 AM	05:00	6.30 pH	17.29 °C	449.16 µS/cm	1.01 mg/L	0.97 NTU	235.1 mV	27.41 ft	200.00 ml/min
2/19/2025 9:47 AM	10:00	6.23 pH	17.30 °C	457.65 µS/cm	0.58 mg/L	0.37 NTU	196.1 mV	27.51 ft	200.00 ml/min
2/19/2025 9:52 AM	15:00	6.21 pH	17.39 °C	465.94 µS/cm	0.52 mg/L	0.41 NTU	185.7 mV	28.16 ft	200.00 ml/min
2/19/2025 9:57 AM	20:00	6.21 pH	17.40 °C	471.40 µS/cm	0.50 mg/L	0.49 NTU	172.9 mV	28.16 ft	200.00 ml/min
2/19/2025 10:02 AM	25:00	6.21 pH	17.40 °C	479.74 µS/cm	0.53 mg/L	0.38 NTU	147.3 mV	28.16 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-9	
AP1-FD-1	Field Duplicate

Low-Flow Test Report:

Test Date / Time: 2/19/2025 1:37:48 PM
Project: GP - Plant Scherer SGWC-10
Operator Name: Terrell Parker

Location Name: SGWC-10 **Latitude: 33.083815556050354** **Longitude: -83.8157418184763** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 22.6 ft** **Total Depth: 32.6 ft** **Initial Depth to Water: 27.94 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: 1/4 LDPE** **Pump Intake From TOC: 31.5 ft** **Estimated Total Volume Pumped: 6.3 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 1.27 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:

Ferrous Iron (mg/L) - 1.5

Weather Conditions:
Overcast, misting rain, 47 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/19/2025 1:37 PM	00:00	5.70 pH	11.94 °C	164.59 µS/cm	1.37 mg/L	3.87 NTU	14.5 mV	27.94 ft	50.00 ml/min
2/19/2025 1:42 PM	05:00	5.53 pH	13.74 °C	146.40 µS/cm	0.65 mg/L	2.97 NTU	-2.4 mV	28.55 ft	100.00 ml/min
2/19/2025 1:47 PM	10:00	5.45 pH	15.07 °C	131.33 µS/cm	0.46 mg/L	2.28 NTU	-6.6 mV	28.68 ft	100.00 ml/min
2/19/2025 1:52 PM	15:00	5.40 pH	15.45 °C	119.78 µS/cm	0.41 mg/L	2.17 NTU	-9.6 mV	28.79 ft	125.00 ml/min
2/19/2025 1:57 PM	20:00	5.38 pH	15.59 °C	109.40 µS/cm	0.45 mg/L	1.99 NTU	-0.9 mV	28.85 ft	125.00 ml/min
2/19/2025 2:02 PM	25:00	5.37 pH	14.84 °C	104.92 µS/cm	0.53 mg/L	1.79 NTU	6.6 mV	28.85 ft	125.00 ml/min
2/19/2025 2:07 PM	30:00	5.39 pH	13.49 °C	110.62 µS/cm	0.61 mg/L	1.54 NTU	10.9 mV	28.85 ft	125.00 ml/min
2/19/2025 2:12 PM	35:00	5.36 pH	13.35 °C	125.74 µS/cm	0.65 mg/L	1.25 NTU	11.3 mV	28.85 ft	125.00 ml/min
2/19/2025 2:17 PM	40:00	5.35 pH	15.93 °C	116.53 µS/cm	0.51 mg/L	1.27 NTU	17.0 mV	28.86 ft	125.00 ml/min
2/19/2025 2:22 PM	45:00	5.33 pH	16.41 °C	118.40 µS/cm	0.57 mg/L	1.12 NTU	21.0 mV	29.04 ft	125.00 ml/min
2/19/2025 2:27 PM	50:00	5.33 pH	16.48 °C	118.98 µS/cm	0.62 mg/L	0.78 NTU	27.2 mV	29.14 ft	125.00 ml/min
2/19/2025 2:32 PM	55:00	5.32 pH	16.38 °C	121.57 µS/cm	0.55 mg/L	0.61 NTU	32.2 mV	29.21 ft	125.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-10	Groundwater
+2 Extra 1L or RAD QC	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/20/2025 9:28:44 AM
Project: SCH-SGWC-11
Operator Name: Terrell Parker

Location Name: SCH-SGWC-11 **Latitude: 33.082864293859416** **Longitude: -83.8148728665745** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.7 ft** **Total Depth: 42.7 ft** **Initial Depth to Water: 30.68 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: 1/4 LDPE** **Pump Intake From TOC: 37.7 ft** **Estimated Total Volume Pumped: 8.95 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: 1.7 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:

Weather Conditions:
Cold, windy, overcast, 32 degrees F, w/windchill, 17 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/20/2025 9:28 AM	00:00	5.88 pH	13.97 °C	165.09 µS/cm	3.55 mg/L	5.85 NTU	15.5 mV	30.68 ft	150.00 ml/min
2/20/2025 9:33 AM	05:00	5.57 pH	12.08 °C	178.19 µS/cm	1.86 mg/L	5.45 NTU	-23.0 mV	31.69 ft	150.00 ml/min
2/20/2025 9:38 AM	10:00	5.57 pH	11.41 °C	175.61 µS/cm	1.47 mg/L	3.59 NTU	-30.6 mV	31.63 ft	150.00 ml/min
2/20/2025 9:43 AM	15:00	5.55 pH	11.41 °C	179.24 µS/cm	1.34 mg/L	2.20 NTU	-33.8 mV	31.89 ft	150.00 ml/min
2/20/2025 9:48 AM	20:00	5.52 pH	15.42 °C	171.17 µS/cm	1.04 mg/L	2.85 NTU	-39.6 mV	32.25 ft	150.00 ml/min
2/20/2025 9:53 AM	25:00	5.56 pH	15.76 °C	159.36 µS/cm	0.83 mg/L	3.51 NTU	-41.1 mV	32.60 ft	150.00 ml/min
2/20/2025 9:58 AM	30:00	5.56 pH	15.80 °C	156.48 µS/cm	0.58 mg/L	2.92 NTU	-40.1 mV	32.85 ft	150.00 ml/min
2/20/2025 10:03 AM	35:00	5.52 pH	16.11 °C	157.17 µS/cm	0.49 mg/L	2.59 NTU	-38.6 mV	33.04 ft	175.00 ml/min
2/20/2025 10:08 AM	40:00	5.50 pH	15.75 °C	157.13 µS/cm	0.45 mg/L	1.69 NTU	-44.9 mV	32.86 ft	125.00 ml/min
2/20/2025 10:13 AM	45:00	5.46 pH	15.83 °C	156.63 µS/cm	0.41 mg/L	1.49 NTU	-43.8 mV	32.68 ft	110.00 ml/min
2/20/2025 10:18 AM	50:00	5.45 pH	14.66 °C	155.19 µS/cm	0.41 mg/L	1.28 NTU	-39.7 mV	32.68 ft	110.00 ml/min
2/20/2025 10:23 AM	55:00	5.42 pH	14.82 °C	159.52 µS/cm	0.40 mg/L	1.33 NTU	-29.3 mV	32.50 ft	110.00 ml/min
2/20/2025 10:28 AM	01:00:00	5.39 pH	14.76 °C	155.79 µS/cm	0.39 mg/L	0.95 NTU	-32.2 mV	32.42 ft	110.00 ml/min

2/20/2025 10:33 AM	01:05:00	5.38 pH	14.61 °C	152.48 µS/cm	0.37 mg/L	0.77 NTU	-29.1 mV	32.38 ft	110.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-11	Groundwater sample time 10:45

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/19/2025 2:15:48 PM
Project: SCH-SGWC-12
Operator Name: Dana Bloomfield

Location Name: SCH-SGWC-12 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 40.20 ft** **Total Depth: 50.20 ft** **Initial Depth to Water: 24.17 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 41.87 ft** **Estimated Total Volume Pumped: 10250 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.8 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:

Weather Conditions:
Rainy 65

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 20	+/- 0.3	
2/19/2025 2:15 PM	00:00	7.58 pH	10.78 °C	315.74 µS/cm	10.50 mg/L	3.04 NTU	84.8 mV	24.17 ft	200.00 ml/min
2/19/2025 2:20 PM	05:00	6.60 pH	14.78 °C	313.44 µS/cm	7.90 mg/L	0.77 NTU	2.0 mV	25.08 ft	200.00 ml/min
2/19/2025 2:25 PM	10:00	6.37 pH	14.52 °C	308.50 µS/cm	6.69 mg/L	0.89 NTU	13.5 mV	25.18 ft	150.00 ml/min
2/19/2025 2:30 PM	15:00	6.34 pH	12.79 °C	301.19 µS/cm	7.50 mg/L	0.31 NTU	20.4 mV	24.97 ft	150.00 ml/min
2/19/2025 2:35 PM	20:00	6.27 pH	12.58 °C	295.52 µS/cm	7.47 mg/L	0.53 NTU	25.3 mV	24.97 ft	150.00 ml/min
2/19/2025 2:40 PM	25:00	6.24 pH	12.73 °C	304.36 µS/cm	6.63 mg/L	0.13 NTU	28.6 mV	24.97 ft	150.00 ml/min
2/19/2025 2:45 PM	30:00	6.22 pH	12.80 °C	311.11 µS/cm	6.09 mg/L	0.98 NTU	17.6 mV	24.97 ft	150.00 ml/min
2/19/2025 2:50 PM	35:00	6.22 pH	12.85 °C	292.92 µS/cm	6.17 mg/L	0.66 NTU	29.9 mV	24.97 ft	150.00 ml/min
2/19/2025 2:55 PM	40:00	6.21 pH	13.04 °C	316.36 µS/cm	5.99 mg/L	0.54 NTU	17.5 mV	24.97 ft	150.00 ml/min
2/19/2025 3:00 PM	45:00	6.21 pH	12.93 °C	314.13 µS/cm	5.73 mg/L	0.22 NTU	27.2 mV	24.97 ft	150.00 ml/min
2/19/2025 3:05 PM	50:00	6.21 pH	13.01 °C	312.75 µS/cm	5.87 mg/L	0.61 NTU	24.4 mV	24.97 ft	150.00 ml/min
2/19/2025 3:10 PM	55:00	6.22 pH	13.07 °C	298.12 µS/cm	5.31 mg/L	0.95 NTU	23.0 mV	24.97 ft	150.00 ml/min
2/19/2025 3:15 PM	01:00:00	6.22 pH	13.24 °C	298.26 µS/cm	5.49 mg/L	0.97 NTU	21.9 mV	24.97 ft	150.00 ml/min

2/19/2025 3:20 PM	01:05:00	6.22 pH	13.20 °C	309.04 µS/cm	5.44 mg/L	0.53 NTU	21.6 mV	24.97 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-12	Sample time 15:21
SCH-AP1-FD-2	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/19/2025 3:05:07 PM
Project: SCH-SGWC-13
Operator Name: EEA

Location Name: SCH-SGWC-13 **Latitude: 33.082144487950984** **Longitude: -83.81018706255202** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 34.2 ft** **Total Depth: 44.2 ft** **Initial Depth to Water: 10.1 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 39.2 ft** **Estimated Total Volume Pumped: 5750 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.36 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Misting 48F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/19/2025 3:05 PM	00:00	6.97 pH	11.94 °C	0.00 µS/cm	9.75 mg/L		89.5 mV	10.10 ft	200.00 ml/min
2/19/2025 3:10 PM	05:00	6.13 pH	15.50 °C	444.11 µS/cm	3.21 mg/L	3.01 NTU	305.9 mV	11.30 ft	200.00 ml/min
2/19/2025 3:15 PM	10:00	6.15 pH	17.32 °C	427.69 µS/cm	2.51 mg/L	2.73 NTU	307.2 mV	11.60 ft	200.00 ml/min
2/19/2025 3:20 PM	15:00	6.10 pH	16.49 °C	437.74 µS/cm	1.61 mg/L	1.94 NTU	297.2 mV	11.30 ft	150.00 ml/min
2/19/2025 3:25 PM	20:00	6.07 pH	16.88 °C	438.03 µS/cm	0.97 mg/L	1.59 NTU	254.3 mV	11.40 ft	200.00 ml/min
2/19/2025 3:30 PM	25:00	6.06 pH	16.89 °C	443.70 µS/cm	1.08 mg/L	2.89 NTU	253.3 mV	11.44 ft	200.00 ml/min
2/19/2025 3:35 PM	30:00	6.06 pH	16.97 °C	449.08 µS/cm	0.97 mg/L	1.51 NTU	268.4 mV	11.46 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-13	Sampled at 1535

Low-Flow Test Report:

Test Date / Time: 2/19/2025 9:45:04 AM
Project: SCH-SGWC-14
Operator Name: EEA

Location Name: SCH-SGWC-14 **Latitude: 33.081313227235434** **Longitude: -83.80845208547228** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28.5 ft** **Total Depth: 38.5 ft** **Initial Depth to Water: 11.47 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 33.5 ft** **Estimated Total Volume Pumped: 7850 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Raining

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/19/2025 9:45 AM	00:00	5.99 pH	13.09 °C	541.70 µS/cm	3.89 mg/L		107.2 mV	11.47 ft	200.00 ml/min
2/19/2025 9:49 AM	04:15	5.86 pH	14.91 °C	533.11 µS/cm	0.87 mg/L	4.98 NTU	152.2 mV	11.47 ft	200.00 ml/min
2/19/2025 9:54 AM	09:15	5.84 pH	15.18 °C	550.52 µS/cm	0.47 mg/L	4.86 NTU	350.9 mV	11.47 ft	200.00 ml/min
2/19/2025 9:59 AM	14:15	5.84 pH	15.19 °C	550.72 µS/cm	0.26 mg/L	4.31 NTU	351.0 mV	11.47 ft	200.00 ml/min
2/19/2025 10:04 AM	19:15	5.83 pH	15.35 °C	536.89 µS/cm	0.19 mg/L	4.14 NTU	355.5 mV	11.47 ft	200.00 ml/min
2/19/2025 10:09 AM	24:15	5.82 pH	15.18 °C	554.62 µS/cm	0.17 mg/L	4.40 NTU	355.5 mV	11.47 ft	200.00 ml/min
2/19/2025 10:14 AM	29:15	5.81 pH	15.22 °C	538.20 µS/cm	0.17 mg/L	3.58 NTU	366.0 mV	11.47 ft	200.00 ml/min
2/19/2025 10:19 AM	34:15	5.80 pH	15.27 °C	535.27 µS/cm	0.16 mg/L	3.21 NTU	351.2 mV	11.47 ft	200.00 ml/min
2/19/2025 10:24 AM	39:15	5.79 pH	15.40 °C	559.84 µS/cm	0.16 mg/L	3.20 NTU	126.7 mV	11.47 ft	200.00 ml/min

Samples

Sample ID:	Description:

SCH-SGWC-14	Sampled at 10:24

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/20/2025 10:00:13 AM
Project: SCH-SGWC-15
Operator Name: Daniel Howard

Location Name: SCH-SGWC-15 **Latitude: 33.08268253228914** **Longitude: -83.82533012897132** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.4 ft** **Total Depth: 48.4 ft** **Initial Depth to Water: 32.2 ft**	**Pump Type: Dedicated bladder** **Tubing Type: HDPE** **Pump Intake From TOC: 43.4 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.03 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:
Sample time 1035.

Weather Conditions:
Cold, partly sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/20/2025 10:00 AM	00:00	4.60 pH	15.28 °C	619.77 µS/cm	4.28 mg/L	3.26 NTU	254.6 mV	32.20 ft	200.00 ml/min
2/20/2025 10:05 AM	05:00	4.57 pH	14.75 °C	607.98 µS/cm	2.71 mg/L	5.46 NTU	280.6 mV	32.23 ft	200.00 ml/min
2/20/2025 10:10 AM	10:00	4.57 pH	15.59 °C	545.50 µS/cm	2.37 mg/L	6.49 NTU	347.4 mV	32.23 ft	200.00 ml/min
2/20/2025 10:15 AM	15:00	4.57 pH	14.69 °C	551.23 µS/cm	2.20 mg/L	5.44 NTU	356.2 mV	32.23 ft	200.00 ml/min
2/20/2025 10:20 AM	20:00	4.53 pH	15.05 °C	551.96 µS/cm	2.15 mg/L	4.78 NTU	360.9 mV	32.23 ft	200.00 ml/min
2/20/2025 10:25 AM	25:00	4.53 pH	14.56 °C	547.29 µS/cm	2.01 mg/L	4.36 NTU	362.2 mV	32.23 ft	200.00 ml/min
2/20/2025 10:30 AM	30:00	4.53 pH	14.73 °C	551.18 µS/cm	1.94 mg/L	4.57 NTU	362.8 mV	32.23 ft	200.00 ml/min
2/20/2025 10:35 AM	35:00	4.55 pH	14.35 °C	550.54 µS/cm	1.90 mg/L	3.84 NTU	362.1 mV	32.23 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-15	

Low-Flow Test Report:

Test Date / Time: 2/19/2025 3:24:55 PM
Project: SCH-SGWC-16
Operator Name: Daniel Howard

Location Name: SCH-SGWC-16 **Latitude: 33.08268253228914** **Longitude: -83.82533012897132** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.3 ft** **Total Depth: 43.3 ft** **Initial Depth to Water: 25.74 ft**	**Pump Type: Dedicated bladder** **Tubing Type: HDPE** **Pump Intake From TOC: 38.3 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.08 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:
Sample time 1550.

Weather Conditions:
Rain on and off

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/19/2025 3:24 PM	00:00	5.19 pH	16.45 °C	259.77 µS/cm	4.25 mg/L	1.16 NTU	201.4 mV	25.74 ft	200.00 ml/min
2/19/2025 3:29 PM	05:00	5.14 pH	16.39 °C	260.35 µS/cm	3.78 mg/L	2.82 NTU	209.8 mV	25.82 ft	200.00 ml/min
2/19/2025 3:34 PM	10:00	5.12 pH	16.40 °C	262.47 µS/cm	3.54 mg/L	3.54 NTU	246.7 mV	25.82 ft	200.00 ml/min
2/19/2025 3:39 PM	15:00	5.11 pH	16.20 °C	261.54 µS/cm	3.41 mg/L	2.93 NTU	206.5 mV	25.82 ft	200.00 ml/min
2/19/2025 3:44 PM	20:00	5.11 pH	16.12 °C	261.89 µS/cm	3.34 mg/L	2.88 NTU	203.4 mV	25.82 ft	200.00 ml/min
2/19/2025 3:49 PM	25:00	5.10 pH	16.20 °C	263.09 µS/cm	3.29 mg/L	2.07 NTU	241.1 mV	25.82 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-16	

Low-Flow Test Report:

Test Date / Time: 2/19/2025 12:52:45 PM
Project: SCH-SGWC-17
Operator Name: Dana Bloomfield

Location Name: SCH-SGWC-17 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 14.6 ft** **Total Depth: 27.0 ft** **Initial Depth to Water: 2.79 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 19.24 ft** **Estimated Total Volume Pumped: 4250 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 170 ml/min** **Final Draw Down: 0.55 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 20	+/- 0.3	
2/19/2025 12:52 PM	00:00	6.28 pH	11.94 °C	775.50 µS/cm	6.18 mg/L	1.37 NTU	159.6 mV	2.79 ft	170.00 ml/min
2/19/2025 12:57 PM	05:00	6.28 pH	15.58 °C	741.44 µS/cm	0.75 mg/L	0.61 NTU	105.0 mV	3.56 ft	170.00 ml/min
2/19/2025 1:02 PM	10:00	6.28 pH	14.79 °C	735.65 µS/cm	0.58 mg/L	0.67 NTU	120.3 mV	3.34 ft	170.00 ml/min
2/19/2025 1:07 PM	15:00	6.28 pH	14.83 °C	735.67 µS/cm	0.46 mg/L	0.64 NTU	52.9 mV	3.34 ft	170.00 ml/min
2/19/2025 1:12 PM	20:00	6.28 pH	14.61 °C	734.76 µS/cm	0.42 mg/L	0.38 NTU	68.9 mV	3.34 ft	170.00 ml/min
2/19/2025 1:17 PM	25:00	6.28 pH	14.68 °C	733.01 µS/cm	0.38 mg/L	0.35 NTU	62.5 mV	3.34 ft	170.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-17	Sample time 13:18

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/21/2025 9:15:10 AM
Project: SCH-SGWC-18
Operator Name: Jake Stucky

Location Name: SCH-SGWC-18 **Latitude: 33.07021367520972** **Longitude: -83.80645844867227** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37.6 ft** **Total Depth: 47.6 ft** **Initial Depth to Water: 44.81 ft**	**Pump Type: Bladder** **Tubing Type: LPDE** **Pump Intake From TOC: 46 ft** **Estimated Total Volume Pumped: 7652.5 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.3 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 965586**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/21/2025 9:15 AM	00:00	7.43 pH	11.86 °C	1,661.7 µS/cm	7.46 mg/L	17.30 NTU	46.7 mV	44.66 ft	150.00 ml/min
2/21/2025 9:18 AM	03:00	6.53 pH	14.89 °C	1,718.0 µS/cm	3.08 mg/L	15.30 NTU	27.9 mV	44.82 ft	150.00 ml/min
2/21/2025 9:21 AM	06:00	5.91 pH	15.26 °C	1,713.2 µS/cm	3.22 mg/L	14.20 NTU	26.3 mV	44.85 ft	150.00 ml/min
2/21/2025 9:24 AM	09:01	5.47 pH	15.76 °C	1,670.0 µS/cm	3.17 mg/L	10.90 NTU	26.7 mV	44.88 ft	150.00 ml/min
2/21/2025 9:27 AM	12:01	5.17 pH	15.46 °C	1,715.8 µS/cm	3.10 mg/L	10.40 NTU	27.7 mV	44.88 ft	150.00 ml/min
2/21/2025 9:30 AM	15:01	5.02 pH	15.23 °C	1,691.6 µS/cm	3.09 mg/L	9.96 NTU	29.1 mV	44.89 ft	150.00 ml/min
2/21/2025 9:33 AM	18:01	4.92 pH	15.34 °C	1,692.7 µS/cm	3.16 mg/L	8.50 NTU	30.1 mV	44.89 ft	150.00 ml/min
2/21/2025 9:36 AM	21:01	4.88 pH	15.57 °C	1,684.9 µS/cm	3.13 mg/L	8.08 NTU	31.1 mV	44.90 ft	150.00 ml/min
2/21/2025 9:39 AM	24:01	4.83 pH	16.24 °C	1,721.7 µS/cm	2.70 mg/L	6.48 NTU	31.0 mV	44.97 ft	150.00 ml/min
2/21/2025 9:42 AM	27:01	4.81 pH	17.02 °C	1,702.2 µS/cm	2.73 mg/L	6.65 NTU	31.6 mV	45.03 ft	150.00 ml/min
2/21/2025 9:45 AM	30:01	4.77 pH	17.22 °C	1,716.5 µS/cm	2.72 mg/L	6.67 NTU	32.4 mV	45.08 ft	150.00 ml/min
2/21/2025 9:48 AM	33:01	4.79 pH	17.54 °C	1,709.0 µS/cm	2.59 mg/L	6.59 NTU	33.6 mV	45.09 ft	150.00 ml/min
2/21/2025 9:51 AM	36:01	4.78 pH	17.32 °C	1,724.7 µS/cm	2.63 mg/L	7.27 NTU	34.2 mV	45.10 ft	150.00 ml/min
2/21/2025 9:54 AM	39:01	4.78 pH	17.37 °C	1,728.5 µS/cm	2.59 mg/L	5.74 NTU	35.3 mV	45.10 ft	150.00 ml/min
2/21/2025 9:57 AM	42:01	4.78 pH	17.67 °C	1,714.4 µS/cm	2.62 mg/L	6.30 NTU	35.8 mV	45.10 ft	150.00 ml/min

2/21/2025 10:00 AM	45:01	4.78 pH	17.63 °C	1,713.0 µS/cm	2.62 mg/L	6.05 NTU	36.6 mV	45.11 ft	150.00 ml/min
2/21/2025 10:03 AM	48:01	4.78 pH	17.49 °C	1,722.2 µS/cm	2.64 mg/L	5.58 NTU	37.6 mV	45.11 ft	150.00 ml/min
2/21/2025 10:06 AM	51:01	4.78 pH	17.66 °C	1,712.3 µS/cm	2.65 mg/L	4.11 NTU	38.0 mV	45.11 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-18	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/21/2025 9:54:29 AM
Project: SCH-SGWC-19
Operator Name: Daniel Howard

Location Name: SCH-SGWC-19 **Latitude: 33.06781270078669** **Longitude: -83.80915967755374** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 27.4 ft** **Total Depth: 37.4 ft** **Initial Depth to Water: 15.84 ft**	**Pump Type: Dedicated bladder** **Tubing Type: HDPE** **Pump Intake From TOC: 32.4 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.33 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:
Sample time 1019.

Weather Conditions:
Clear and cold

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/21/2025 9:54 AM	00:00	5.85 pH	17.39 °C	651.29 µS/cm	5.21 mg/L	3.88 NTU	305.1 mV	15.84 ft	200.00 ml/min
2/21/2025 9:59 AM	05:00	5.67 pH	16.38 °C	669.90 µS/cm	3.46 mg/L	1.75 NTU	293.0 mV	16.26 ft	200.00 ml/min
2/21/2025 10:04 AM	10:00	5.67 pH	16.62 °C	671.51 µS/cm	3.42 mg/L	1.96 NTU	281.1 mV	16.24 ft	200.00 ml/min
2/21/2025 10:09 AM	15:00	5.63 pH	16.36 °C	667.06 µS/cm	3.30 mg/L	1.81 NTU	275.6 mV	16.19 ft	200.00 ml/min
2/21/2025 10:14 AM	20:00	5.61 pH	16.02 °C	666.44 µS/cm	3.22 mg/L	1.31 NTU	270.9 mV	16.17 ft	200.00 ml/min
2/21/2025 10:19 AM	25:00	5.59 pH	15.73 °C	661.81 µS/cm	3.21 mg/L	0.98 NTU	321.0 mV	16.17 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-19	

Low-Flow Test Report:

Test Date / Time: 2/20/2025 10:27:39 AM
Project: SCH-SGWC-20
Operator Name: EEA

Location Name: SCH-SGWC-20 **Latitude: 33.06770323313127** **Longitude: -83.8117572293466** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 17.9 ft** **Total Depth: 27.9 ft** **Initial Depth to Water: 15.4 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 22.9 ft** **Estimated Total Volume Pumped: 7930 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.46 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/20/2025 10:27 AM	00:00	6.79 pH	9.37 °C	0.40 µS/cm	10.24 mg/L	1.46 NTU	146.7 mV	15.40 ft	200.00 ml/min
2/20/2025 10:32 AM	05:00	4.15 pH	12.69 °C	742.05 µS/cm	1.65 mg/L	1.25 NTU	390.2 mV	15.85 ft	200.00 ml/min
2/20/2025 10:37 AM	09:39	4.15 pH	14.18 °C	746.55 µS/cm	1.28 mg/L	1.42 NTU	501.5 mV	15.86 ft	200.00 ml/min
2/20/2025 10:42 AM	14:39	4.14 pH	14.21 °C	730.15 µS/cm	1.15 mg/L	1.03 NTU	346.1 mV	15.86 ft	200.00 ml/min
2/20/2025 10:47 AM	19:39	4.15 pH	13.99 °C	712.59 µS/cm	1.02 mg/L	1.01 NTU	320.6 mV	15.86 ft	200.00 ml/min
2/20/2025 10:52 AM	24:39	4.15 pH	14.46 °C	721.22 µS/cm	0.91 mg/L	0.88 NTU	305.7 mV	15.86 ft	200.00 ml/min
2/20/2025 10:57 AM	29:39	4.16 pH	14.46 °C	711.87 µS/cm	0.80 mg/L	0.86 NTU	294.9 mV	15.86 ft	200.00 ml/min
2/20/2025 11:02 AM	34:39	4.17 pH	13.68 °C	717.67 µS/cm	0.71 mg/L	0.75 NTU	380.8 mV	15.86 ft	200.00 ml/min
2/20/2025 11:07 AM	39:39	4.17 pH	13.13 °C	702.29 µS/cm	0.65 mg/L	1.01 NTU	290.8 mV	15.86 ft	200.00 ml/min

Samples

Sample ID:	Description:

SCH-SGWC-20	Sampled at 11:08

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/20/2025 3:40:07 PM
Project: SCH-SGWC-21
Operator Name: EEA

Location Name: SCH-SGWC-21 **Latitude: 33.066041078314214** **Longitude: -83.81558499367418** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 17.99 ft** **Total Depth: 27.99 ft** **Initial Depth to Water: 1.24 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 22.99 ft** **Estimated Total Volume Pumped: 11000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.13 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/20/2025 3:40 PM	00:00	9.54 pH	12.06 °C	2.46 µS/cm	9.95 mg/L		75.7 mV	1.24 ft	200.00 ml/min
2/20/2025 3:45 PM	05:00	6.48 pH	12.36 °C	631.56 µS/cm	1.44 mg/L	3.38 NTU	272.1 mV	1.30 ft	200.00 ml/min
2/20/2025 3:50 PM	10:00	6.46 pH	12.77 °C	640.42 µS/cm	0.37 mg/L	3.24 NTU	299.3 mV	1.34 ft	200.00 ml/min
2/20/2025 3:55 PM	15:00	6.45 pH	12.84 °C	651.39 µS/cm	0.36 mg/L	3.35 NTU	289.5 mV	1.36 ft	200.00 ml/min
2/20/2025 4:00 PM	20:00	6.45 pH	13.28 °C	649.13 µS/cm	0.31 mg/L	3.80 NTU	261.5 mV	1.36 ft	200.00 ml/min
2/20/2025 4:05 PM	25:00	6.45 pH	13.46 °C	628.52 µS/cm	0.21 mg/L	4.39 NTU	242.3 mV	1.36 ft	200.00 ml/min
2/20/2025 4:10 PM	30:00	6.46 pH	13.09 °C	636.17 µS/cm	0.24 mg/L	3.89 NTU	228.2 mV	1.37 ft	200.00 ml/min
2/20/2025 4:15 PM	35:00	6.45 pH	13.52 °C	541.02 µS/cm	0.24 mg/L	4.40 NTU	211.7 mV	1.37 ft	200.00 ml/min
2/20/2025 4:20 PM	40:00	6.44 pH	13.59 °C	638.87 µS/cm	0.21 mg/L	4.64 NTU	195.9 mV	1.37 ft	200.00 ml/min
2/20/2025 4:25 PM	45:00	6.44 pH	13.33 °C	629.32 µS/cm	0.21 mg/L	3.81 NTU	187.5 mV	1.37 ft	200.00 ml/min
2/20/2025 4:30 PM	50:00	6.44 pH	13.66 °C	658.84 µS/cm	0.20 mg/L	3.80 NTU	259.6 mV	1.37 ft	200.00 ml/min
2/20/2025 4:35 PM	55:00	6.44 pH	13.32 °C	649.72 µS/cm	0.19 mg/L	3.40 NTU	185.3 mV	1.37 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-21	Sampled at 1635

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/20/2025 2:08:05 PM
Project: SCH-SGWC-22
Operator Name: Terrell Parker

Location Name: SCH-SGWC-22 **Latitude: 33.066382748105625** **Longitude: -83.81929297939298** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 42.6 ft** **Total Depth: 52.6 ft** **Initial Depth to Water: 29.64 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: 1/4 LDPE** **Pump Intake From TOC: 44.20 ft** **Estimated Total Volume Pumped: 10 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.04 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:

Weather Conditions:
Clear, Sunny, windy, 40 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/20/2025 2:08 PM	00:00	5.71 pH	16.66 °C	298.54 µS/cm	3.59 mg/L	17.90 NTU	18.3 mV	29.64 ft	200.00 ml/min
2/20/2025 2:13 PM	05:00	5.67 pH	17.42 °C	280.56 µS/cm	1.89 mg/L	15.70 NTU	38.9 mV	30.74 ft	200.00 ml/min
2/20/2025 2:18 PM	10:00	5.66 pH	17.47 °C	286.36 µS/cm	1.09 mg/L	15.60 NTU	53.8 mV	30.87 ft	200.00 ml/min
2/20/2025 2:23 PM	15:00	5.65 pH	17.49 °C	289.62 µS/cm	0.72 mg/L	12.00 NTU	58.7 mV	30.88 ft	200.00 ml/min
2/20/2025 2:28 PM	20:00	5.65 pH	17.49 °C	295.94 µS/cm	0.58 mg/L	9.51 NTU	62.7 mV	30.90 ft	200.00 ml/min
2/20/2025 2:33 PM	25:00	5.66 pH	17.36 °C	305.18 µS/cm	0.52 mg/L	7.74 NTU	71.5 mV	30.91 ft	200.00 ml/min
2/20/2025 2:38 PM	30:00	5.67 pH	17.36 °C	307.50 µS/cm	0.53 mg/L	5.73 NTU	71.4 mV	30.92 ft	200.00 ml/min
2/20/2025 2:43 PM	35:00	5.68 pH	17.18 °C	312.51 µS/cm	0.56 mg/L	4.98 NTU	73.4 mV	30.80 ft	200.00 ml/min
2/20/2025 2:48 PM	40:00	5.69 pH	17.03 °C	318.68 µS/cm	0.49 mg/L	3.68 NTU	75.0 mV	30.73 ft	200.00 ml/min
2/20/2025 2:53 PM	45:00	5.69 pH	16.74 °C	322.28 µS/cm	0.49 mg/L	3.31 NTU	77.3 mV	30.68 ft	200.00 ml/min
2/20/2025 2:58 PM	50:00	5.70 pH	16.99 °C	321.89 µS/cm	0.54 mg/L	2.89 NTU	78.9 mV	30.68 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-22	Groundwater sample time 15:05

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/21/2025 9:52:23 AM
Project: SCH-SGWC-23
Operator Name: Terrell Parker

Location Name: SCH-SGWC-23 **Latitude: 33.069595322043696** **Longitude: -83.82216000937281** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 42.6 ft** **Total Depth: 52.6 ft** **Initial Depth to Water: 36.33 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: 1/4 LDPE** **Pump Intake From TOC: 44.25 ft** **Estimated Total Volume Pumped: 8.75 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.12 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:

Weather Conditions:
Clear, Sunny, breezy, 30 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/21/2025 9:52 AM	00:00	6.52 pH	14.42 °C	297.99 µS/cm	5.51 mg/L	0.65 NTU	246.9 mV	36.33 ft	250.00 ml/min
2/21/2025 9:57 AM	05:00	6.06 pH	16.12 °C	300.81 µS/cm	2.10 mg/L	0.67 NTU	215.4 mV	36.46 ft	250.00 ml/min
2/21/2025 10:02 AM	10:00	6.01 pH	16.54 °C	301.21 µS/cm	1.33 mg/L	0.73 NTU	253.1 mV	36.46 ft	250.00 ml/min
2/21/2025 10:07 AM	15:00	5.99 pH	16.38 °C	279.40 µS/cm	1.72 mg/L	0.48 NTU	206.0 mV	36.46 ft	250.00 ml/min
2/21/2025 10:12 AM	20:00	5.96 pH	16.69 °C	261.18 µS/cm	2.49 mg/L	0.42 NTU	215.4 mV	36.45 ft	250.00 ml/min
2/21/2025 10:17 AM	25:00	5.94 pH	16.64 °C	255.04 µS/cm	2.87 mg/L	0.28 NTU	276.1 mV	36.45 ft	250.00 ml/min
2/21/2025 10:22 AM	30:00	5.93 pH	16.74 °C	251.56 µS/cm	2.96 mg/L	0.27 NTU	276.6 mV	36.45 ft	250.00 ml/min
2/21/2025 10:27 AM	35:00	5.93 pH	16.60 °C	248.12 µS/cm	3.03 mg/L	0.23 NTU	217.5 mV	36.45 ft	250.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-23	Groundwater sample time 10:35

APPENDIX A

Field Data Forms
July 2025

Low-Flow Test Report:

Test Date / Time: 7/24/2025 10:06:05 AM
Project: SCH-SGWA-1
Operator Name: Brad Bryan

Location Name: SCH-SGWA-1 **Latitude: 32.410149800218065** **Longitude: -83.16299130027323** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 40.02 ft** **Total Depth: 50.02 ft** **Initial Depth to Water: 42.33 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 44.6 ft** **Estimated Total Volume Pumped: 4875 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 0.42 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:

Weather Conditions:
Cloudy 80

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/24/2025 10:06 AM	00:00	6.152 pH	21.30 °C	37.87 µS/cm	7.096 mg/L	11.80 NTU	171.8 mV	42.68 ft	100.0 ml/min
7/24/2025 10:11 AM	05:00	5.509 pH	21.08 °C	41.17 µS/cm	5.560 mg/L	16.90 NTU	142.2 mV	42.67 ft	175.0 ml/min
7/24/2025 10:16 AM	10:00	5.425 pH	20.09 °C	42.00 µS/cm	5.019 mg/L	16.90 NTU	133.5 mV	42.71 ft	175.0 ml/min
7/24/2025 10:21 AM	15:00	5.394 pH	19.92 °C	41.22 µS/cm	4.663 mg/L	10.90 NTU	128.8 mV	42.75 ft	175.0 ml/min
7/24/2025 10:26 AM	20:00	5.389 pH	19.87 °C	40.53 µS/cm	4.433 mg/L	9.290 NTU	125.8 mV	42.75 ft	175.0 ml/min
7/24/2025 10:31 AM	25:00	5.370 pH	19.85 °C	39.80 µS/cm	4.227 mg/L	5.050 NTU	124.8 mV	42.75 ft	175.0 ml/min
7/24/2025 10:36 AM	30:00	5.357 pH	19.87 °C	39.29 µS/cm	4.062 mg/L	2.950 NTU	140.6 mV	42.75 ft	175.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWA-1	Sampled at 1036

Low-Flow Test Report:

Test Date / Time: 7/24/2025 9:54:03 AM
Project: SCH-SGWA-2
Operator Name: Ethan Askin

Location Name: SCH-SGWA-2 **Latitude: 33.0607571491506** **Longitude: -83.81009699338988** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 88.5 ft** **Total Depth: 98.5 ft** **Initial Depth to Water: 42.5 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 91.05 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2.5 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Cloudy 80

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/24/2025 9:54 AM	00:00	6.089 pH	23.65 °C	106.0 µS/cm	7.505 mg/L	1.340 NTU	156.2 mV	42.50 ft	200.0 ml/min
7/24/2025 9:59 AM	05:00	6.603 pH	20.15 °C	116.4 µS/cm	4.674 mg/L	0.700 NTU	113.7 mV	44.38 ft	200.0 ml/min
7/24/2025 10:04 AM	10:00	6.715 pH	20.10 °C	116.2 µS/cm	4.683 mg/L	0.750 NTU	103.4 mV	44.80 ft	200.0 ml/min
7/24/2025 10:09 AM	15:00	6.758 pH	20.12 °C	116.3 µS/cm	4.703 mg/L	0.200 NTU	98.9 mV	44.95 ft	200.0 ml/min
7/24/2025 10:14 AM	20:00	6.761 pH	20.04 °C	116.5 µS/cm	4.740 mg/L	0.260 NTU	125.5 mV	45.00 ft	200.0 ml/min
7/24/2025 10:19 AM	25:00	6.774 pH	20.03 °C	116.5 µS/cm	4.773 mg/L	0.360 NTU	100.2 mV	45.00 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWA-2	Sampled @ 1020

Low-Flow Test Report:

Test Date / Time: 7/24/2025 1:51:24 PM
Project: SCH-SGWA-3
Operator Name: Ethan Askin

Location Name: SCH-SGWA-3 **Latitude: 33.06601167346856** **Longitude: -83.80692574624116** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 42.8 ft** **Total Depth: 52.8 ft** **Initial Depth to Water: 32.7 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 47.8 ft** **Estimated Total Volume Pumped: 2750 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 3.65 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Raining 84

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/24/2025 1:51 PM	00:00	6.048 pH	21.20 °C	79.52 µS/cm	5.807 mg/L	0.900 NTU	146.5 mV	32.70 ft	200.0 ml/min
7/24/2025 1:56 PM	05:00	5.864 pH	20.11 °C	81.17 µS/cm	4.682 mg/L	0.560 NTU	124.7 mV	34.40 ft	150.0 ml/min
7/24/2025 2:01 PM	10:00	5.953 pH	20.86 °C	80.24 µS/cm	5.426 mg/L	0.310 NTU	121.3 mV	36.05 ft	100.0 ml/min
7/24/2025 2:06 PM	15:00	5.954 pH	21.19 °C	80.25 µS/cm	5.506 mg/L	0.270 NTU	119.5 mV	36.35 ft	100.0 ml/min
7/24/2025 2:11 PM	20:00	5.947 pH	21.35 °C	80.40 µS/cm	5.364 mg/L	0.230 NTU	118.7 mV	36.35 ft	100.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWA-3	Sampled at 14:11

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/24/2025 11:47:48 AM
Project: SCH-SGWA-4
Operator Name: Ethan Askin

Location Name: SCH-SGWA-4 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 53.2 ft** **Total Depth: 63.2 ft** **Initial Depth to Water: 47.5 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 58.02 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 3.9 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Raining 84

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/24/2025 11:47 AM	00:00	6.365 pH	20.52 °C	161.8 µS/cm	6.617 mg/L	2.800 NTU	145.9 mV	50.15 ft	200.0 ml/min
7/24/2025 11:52 AM	05:00	6.347 pH	20.61 °C	163.2 µS/cm	6.507 mg/L	3.800 NTU	118.0 mV	51.00 ft	200.0 ml/min
7/24/2025 11:57 AM	10:00	6.299 pH	21.09 °C	165.0 µS/cm	6.000 mg/L	0.990 NTU	115.3 mV	51.20 ft	200.0 ml/min
7/24/2025 12:02 PM	15:00	6.282 pH	21.27 °C	166.3 µS/cm	7.060 mg/L	0.610 NTU	114.2 mV	51.28 ft	200.0 ml/min
7/24/2025 12:07 PM	20:00	6.293 pH	21.27 °C	168.2 µS/cm	6.365 mg/L	0.840 NTU	115.9 mV	51.33 ft	200.0 ml/min
7/24/2025 12:12 PM	25:00	6.269 pH	21.80 °C	169.9 µS/cm	6.990 mg/L	0.490 NTU	116.6 mV	51.40 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWA-4	Sampled at 12:12

Low-Flow Test Report:

Test Date / Time: 7/31/2025 10:10:28 AM
Project: SCH-SGWA-5
Operator Name: Jake Stucky

Location Name: SCH-SGWA-5 **Latitude: 33.07627765403638** **Longitude: -83.83668114688902** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23.1 ft** **Total Depth: 33.1 ft** **Initial Depth to Water: 16.41 ft**	**Pump Type: Dedicated pump** **Tubing Type: LDPE** **Pump Intake From TOC: 28.1 ft** **Estimated Total Volume Pumped: 2000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.94 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5%	+/- 0.2	≤5	Record Only	+/-0.3	100-500
7/31/2025 10:10 AM	00:00	7.357 pH	26.53 °C	61.29 µS/cm	6.577 mg/L	1.540 NTU	187.4 mV	16.41 ft	100.0 ml/min
7/31/2025 10:15 AM	05:00	5.567 pH	20.17 °C	61.64 µS/cm	4.666 mg/L	1.980 NTU	214.1 mV	17.25 ft	100.0 ml/min
7/31/2025 10:20 AM	10:00	5.537 pH	19.90 °C	62.03 µS/cm	4.420 mg/L	2.340 NTU	224.0 mV	17.35 ft	100.0 ml/min
7/31/2025 10:25 AM	15:00	5.497 pH	19.69 °C	62.09 µS/cm	4.329 mg/L	2.270 NTU	292.9 mV	17.35 ft	100.0 ml/min
7/31/2025 10:30 AM	20:00	5.486 pH	19.76 °C	62.57 µS/cm	4.322 mg/L	1.950 NTU	247.7 mV	17.35 ft	100.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWA-5	
SCH-AP1-FB-1	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/29/2025 10:38:31 AM
Project: SCH-SGWC-6
Operator Name: Daniel Howard

Location Name: SCH-SGWC-6 **Latitude: 33.084665313393884** **Longitude: -83.82262629464624** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 17.6 ft** **Total Depth: 27.6 ft** **Initial Depth to Water: 17.95 ft**	**Pump Type: Dedicated bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 22.6 ft** **Estimated Total Volume Pumped: 18000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 1.13 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1338. Purged 3 well volumes

Weather Conditions:
Hot and humid.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/29/2025 10:38 AM	00:00	6.114 pH	23.65 °C	179.6 µS/cm	1.115 mg/L	5.430 NTU	156.8 mV	17.95 ft	100.0 ml/min
7/29/2025 10:43 AM	05:00	6.124 pH	24.12 °C	177.5 µS/cm	0.992 mg/L	5.730 NTU	321.1 mV	18.69 ft	100.0 ml/min
7/29/2025 10:48 AM	10:00	6.116 pH	24.47 °C	178.5 µS/cm	0.839 mg/L	4.550 NTU	288.8 mV	18.72 ft	100.0 ml/min
7/29/2025 10:53 AM	15:00	6.116 pH	24.69 °C	177.3 µS/cm	0.839 mg/L	3.250 NTU	291.3 mV	18.75 ft	100.0 ml/min
7/29/2025 10:58 AM	20:00	6.111 pH	24.65 °C	176.6 µS/cm	0.765 mg/L	2.910 NTU	291.8 mV	18.77 ft	100.0 ml/min
7/29/2025 11:03 AM	25:00	6.106 pH	25.01 °C	176.9 µS/cm	0.669 mg/L	2.540 NTU	293.2 mV	18.81 ft	100.0 ml/min
7/29/2025 11:08 AM	30:00	6.105 pH	25.17 °C	175.5 µS/cm	0.599 mg/L	1.840 NTU	294.1 mV	18.83 ft	100.0 ml/min
7/29/2025 11:13 AM	35:00	6.101 pH	25.15 °C	175.1 µS/cm	0.552 mg/L	1.930 NTU	295.3 mV	18.86 ft	100.0 ml/min
7/29/2025 11:18 AM	40:00	6.100 pH	25.37 °C	175.0 µS/cm	0.523 mg/L	1.130 NTU	296.0 mV	18.87 ft	100.0 ml/min
7/29/2025 11:23 AM	45:00	6.094 pH	25.25 °C	174.1 µS/cm	0.491 mg/L	1.200 NTU	297.0 mV	18.89 ft	100.0 ml/min
7/29/2025 11:28 AM	50:00	6.095 pH	25.15 °C	172.9 µS/cm	0.452 mg/L	1.550 NTU	298.6 mV	18.91 ft	100.0 ml/min
7/29/2025 11:33 AM	55:00	6.078 pH	25.01 °C	174.2 µS/cm	0.421 mg/L	1.020 NTU	297.5 mV	18.92 ft	100.0 ml/min
7/29/2025 11:38 AM	01:00:00	6.075 pH	25.08 °C	173.5 µS/cm	0.398 mg/L	0.720 NTU	298.5 mV	18.94 ft	100.0 ml/min

7/29/2025 11:43 AM	01:05:00	6.077 pH	24.89 °C	172.8 µS/cm	0.365 mg/L	0.500 NTU	298.1 mV	18.97 ft	100.0 ml/min
7/29/2025 11:48 AM	01:10:00	6.067 pH	25.02 °C	172.2 µS/cm	0.357 mg/L	0.530 NTU	298.8 mV	18.98 ft	100.0 ml/min
7/29/2025 11:53 AM	01:15:00	6.072 pH	24.91 °C	171.2 µS/cm	0.335 mg/L	0.800 NTU	299.0 mV	18.99 ft	100.0 ml/min
7/29/2025 11:58 AM	01:20:00	6.068 pH	24.92 °C	170.1 µS/cm	0.333 mg/L	0.510 NTU	299.3 mV	19.00 ft	100.0 ml/min
7/29/2025 12:03 PM	01:25:00	6.073 pH	24.93 °C	169.3 µS/cm	0.323 mg/L	0.490 NTU	299.6 mV	19.01 ft	100.0 ml/min
7/29/2025 12:08 PM	01:30:00	6.085 pH	25.15 °C	169.4 µS/cm	0.305 mg/L	0.350 NTU	299.7 mV	19.02 ft	100.0 ml/min
7/29/2025 12:13 PM	01:35:00	6.080 pH	25.15 °C	169.9 µS/cm	0.300 mg/L	0.330 NTU	301.6 mV	19.03 ft	100.0 ml/min
7/29/2025 12:18 PM	01:40:00	6.076 pH	24.90 °C	166.4 µS/cm	0.325 mg/L	0.450 NTU	302.6 mV	19.03 ft	100.0 ml/min
7/29/2025 12:23 PM	01:45:00	6.085 pH	25.14 °C	166.6 µS/cm	0.313 mg/L	0.370 NTU	303.0 mV	19.03 ft	100.0 ml/min
7/29/2025 12:28 PM	01:50:00	6.085 pH	25.05 °C	165.7 µS/cm	0.294 mg/L	0.300 NTU	304.2 mV	19.04 ft	100.0 ml/min
7/29/2025 12:33 PM	01:55:00	6.086 pH	25.38 °C	165.4 µS/cm	0.286 mg/L	0.260 NTU	306.4 mV	19.05 ft	100.0 ml/min
7/29/2025 12:38 PM	02:00:00	6.080 pH	25.34 °C	165.2 µS/cm	0.285 mg/L	0.320 NTU	308.9 mV	19.05 ft	100.0 ml/min
7/29/2025 12:43 PM	02:05:00	6.083 pH	25.33 °C	163.9 µS/cm	0.281 mg/L	0.230 NTU	310.8 mV	19.05 ft	100.0 ml/min
7/29/2025 12:48 PM	02:10:00	6.081 pH	25.31 °C	164.7 µS/cm	0.287 mg/L	0.220 NTU	312.3 mV	19.07 ft	100.0 ml/min
7/29/2025 12:53 PM	02:15:00	6.087 pH	25.28 °C	164.3 µS/cm	0.284 mg/L	0.220 NTU	312.1 mV	19.07 ft	100.0 ml/min
7/29/2025 12:58 PM	02:20:00	6.084 pH	25.28 °C	170.0 µS/cm	0.268 mg/L	0.260 NTU	314.5 mV	19.07 ft	100.0 ml/min
7/29/2025 1:03 PM	02:25:00	6.088 pH	25.28 °C	169.4 µS/cm	0.275 mg/L	0.320 NTU	315.7 mV	19.07 ft	100.0 ml/min
7/29/2025 1:08 PM	02:30:00	6.088 pH	25.25 °C	169.6 µS/cm	0.268 mg/L	0.260 NTU	317.5 mV	19.07 ft	100.0 ml/min
7/29/2025 1:13 PM	02:35:00	6.088 pH	25.31 °C	169.2 µS/cm	0.267 mg/L	0.250 NTU	319.0 mV	19.07 ft	100.0 ml/min
7/29/2025 1:18 PM	02:40:00	6.086 pH	25.60 °C	168.8 µS/cm	0.273 mg/L	0.250 NTU	321.3 mV	19.08 ft	100.0 ml/min
7/29/2025 1:23 PM	02:45:00	6.087 pH	25.42 °C	169.3 µS/cm	0.260 mg/L	0.180 NTU	322.5 mV	19.08 ft	100.0 ml/min
7/29/2025 1:28 PM	02:50:00	6.087 pH	25.42 °C	169.3 µS/cm	0.271 mg/L	0.210 NTU	324.6 mV	19.08 ft	100.0 ml/min
7/29/2025 1:33 PM	02:55:00	6.086 pH	25.47 °C	169.1 µS/cm	0.276 mg/L	0.220 NTU	326.2 mV	19.08 ft	100.0 ml/min
7/29/2025 1:38 PM	03:00:00	6.087 pH	25.58 °C	169.1 µS/cm	0.271 mg/L	0.240 NTU	327.6 mV	19.08 ft	100.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-6	

Low-Flow Test Report:

Test Date / Time: 7/30/2025 10:05:14 AM
Project: SCH-SGWC-7
Operator Name: Daniel Howard

Location Name: SCH-SGWC-7 **Latitude: 33.08598596605759** **Longitude: -83.82169858560322** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 27.7 ft** **Total Depth: 37.7 ft** **Initial Depth to Water: 16.4 ft**	**Pump Type: Dedicated bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 32.7 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.19 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1040.

Weather Conditions:
Hot and humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/30/2025 10:05 AM	00:00	6.834 pH	23.98 °C	399.7 µS/cm	1.128 mg/L	4.590 NTU	-27.1 mV	16.40 ft	200.0 ml/min
7/30/2025 10:10 AM	05:00	6.542 pH	21.83 °C	309.5 µS/cm	0.709 mg/L	4.430 NTU	45.3 mV	16.55 ft	200.0 ml/min
7/30/2025 10:15 AM	10:00	6.461 pH	21.64 °C	283.7 µS/cm	0.814 mg/L	2.690 NTU	71.0 mV	16.57 ft	200.0 ml/min
7/30/2025 10:20 AM	15:00	6.415 pH	21.55 °C	270.4 µS/cm	0.817 mg/L	1.310 NTU	86.8 mV	16.58 ft	200.0 ml/min
7/30/2025 10:25 AM	20:00	6.387 pH	21.63 °C	263.6 µS/cm	0.931 mg/L	1.180 NTU	96.2 mV	16.59 ft	200.0 ml/min
7/30/2025 10:30 AM	25:00	6.376 pH	21.75 °C	259.9 µS/cm	1.033 mg/L	0.500 NTU	103.9 mV	16.59 ft	200.0 ml/min
7/30/2025 10:35 AM	30:00	6.374 pH	21.73 °C	258.0 µS/cm	1.094 mg/L	0.540 NTU	108.2 mV	16.59 ft	200.0 ml/min
7/30/2025 10:40 AM	35:00	6.366 pH	21.58 °C	257.2 µS/cm	1.120 mg/L	0.410 NTU	112.8 mV	16.59 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-7	

Low-Flow Test Report:

Test Date / Time: 7/30/2025 9:30:25 AM
Project: SCH-SGWC-8
Operator Name: Brad Bryan

Location Name: SCH-SGWC-8 **Latitude: 33.08651972565156** **Longitude: -83.81932483062504** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.6 ft** **Total Depth: 42.6 ft** **Initial Depth to Water: 25.69 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 34.2 ft** **Estimated Total Volume Pumped: 3000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.14 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:

Weather Conditions:
Sunny 85

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/30/2025 9:30 AM	00:00	6.610 pH	23.75 °C	599.7 µS/cm	4.660 mg/L	2.670 NTU	126.9 mV	25.79 ft	150.0 ml/min
7/30/2025 9:35 AM	05:00	6.501 pH	22.62 °C	509.2 µS/cm	4.523 mg/L	2.390 NTU	148.5 mV	25.83 ft	150.0 ml/min
7/30/2025 9:40 AM	10:00	6.491 pH	22.66 °C	533.3 µS/cm	4.276 mg/L	1.620 NTU	113.6 mV	25.83 ft	150.0 ml/min
7/30/2025 9:45 AM	15:00	6.486 pH	22.53 °C	521.0 µS/cm	4.154 mg/L	1.520 NTU	110.6 mV	25.83 ft	150.0 ml/min
7/30/2025 9:50 AM	20:00	6.487 pH	22.68 °C	520.9 µS/cm	4.123 mg/L	1.270 NTU	109.6 mV	25.83 ft	150.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-8	Sampled at 0950

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/30/2025 10:54:49 AM
Project: SCH-SGWC-9
Operator Name: Brad Bryan

Location Name: SCH-SGWC-9 **Latitude: 33.08588408402454** **Longitude: -83.81772807807086** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 27.8 ft** **Total Depth: 37.8 ft** **Initial Depth to Water: 28.7 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 30.2 ft** **Estimated Total Volume Pumped: 15193.333 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.78 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:

Weather Conditions:
Cloudy 85

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/30/2025 10:54 AM	00:00	6.136 pH	21.64 °C	760.6 µS/cm	1.373 mg/L	3.720 NTU	406.6 mV	29.43 ft	200.0 ml/min
7/30/2025 10:59 AM	05:00	6.169 pH	21.49 °C	659.6 µS/cm	1.151 mg/L	3.230 NTU	535.8 mV	29.44 ft	200.0 ml/min
7/30/2025 11:04 AM	10:00	6.168 pH	21.33 °C	671.7 µS/cm	1.038 mg/L	2.870 NTU	417.2 mV	29.46 ft	200.0 ml/min
7/30/2025 11:09 AM	15:00	6.165 pH	21.47 °C	672.5 µS/cm	0.927 mg/L	2.180 NTU	413.8 mV	29.48 ft	200.0 ml/min
7/30/2025 11:14 AM	20:00	6.158 pH	21.44 °C	659.2 µS/cm	0.851 mg/L	1.880 NTU	548.9 mV	29.50 ft	200.0 ml/min
7/30/2025 11:19 AM	25:00	6.155 pH	21.44 °C	687.4 µS/cm	0.801 mg/L	1.410 NTU	409.3 mV	29.50 ft	200.0 ml/min
7/30/2025 11:20 AM	25:58	6.153 pH	21.46 °C	663.3 µS/cm	0.790 mg/L	1.410 NTU	297.3 mV	29.50 ft	200.0 ml/min
7/30/2025 11:25 AM	30:58	6.144 pH	21.98 °C	666.9 µS/cm	0.736 mg/L	1.440 NTU	540.0 mV	29.50 ft	200.0 ml/min
7/30/2025 11:30 AM	35:58	6.133 pH	22.25 °C	694.6 µS/cm	0.693 mg/L	1.870 NTU	397.0 mV	29.50 ft	200.0 ml/min
7/30/2025 11:35 AM	40:58	6.128 pH	22.24 °C	690.5 µS/cm	0.678 mg/L	1.110 NTU	398.6 mV	29.50 ft	200.0 ml/min
7/30/2025 11:40 AM	45:58	6.130 pH	22.26 °C	688.0 µS/cm	0.641 mg/L	1.080 NTU	389.0 mV	29.50 ft	200.0 ml/min
7/30/2025 11:45 AM	50:58	6.128 pH	22.24 °C	689.6 µS/cm	0.617 mg/L	1.130 NTU	380.5 mV	29.50 ft	200.0 ml/min
7/30/2025 11:50 AM	55:58	6.124 pH	22.49 °C	697.5 µS/cm	0.614 mg/L	1.190 NTU	371.4 mV	29.50 ft	200.0 ml/min

7/30/2025 11:55 AM	01:00:58	6.116 pH	22.55 °C	704.4 µS/cm	0.610 mg/L	1.490 NTU	357.2 mV	29.50 ft	200.0 ml/min
7/30/2025 12:00 PM	01:05:58	6.109 pH	22.57 °C	704.0 µS/cm	0.595 mg/L	1.130 NTU	347.9 mV	29.48 ft	200.0 ml/min
7/30/2025 12:05 PM	01:10:58	6.113 pH	22.43 °C	701.0 µS/cm	0.564 mg/L	1.210 NTU	343.8 mV	29.48 ft	200.0 ml/min
7/30/2025 12:10 PM	01:15:58	6.113 pH	22.43 °C	701.0 µS/cm	0.566 mg/L	0.990 NTU	334.4 mV	29.48 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWC 9	SAMPLED AT 1211

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/30/2025 12:19:30 PM
Project: SCH-SGWC-10
Operator Name: Daniel Howard

Location Name: SCH-SGWC-10 **Latitude: 33.08598596605759** **Longitude: -83.82169858560322** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 22.6 ft** **Total Depth: 32.6 ft** **Initial Depth to Water: 30.36 ft**	**Pump Type: QED BLADDER PUMP** **Tubing Type: LDPE** **Pump Intake From TOC: 31.3 ft** **Estimated Total Volume Pumped: 4500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.9 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1304.

Weather Conditions:
Hot and humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/30/2025 12:19 PM	00:00	5.318 pH	25.03 °C	175.9 µS/cm	1.305 mg/L	3.520 NTU	49.3 mV	30.36 ft	100.0 ml/min
7/30/2025 12:24 PM	05:00	5.276 pH	24.87 °C	173.5 µS/cm	1.026 mg/L	4.380 NTU	34.8 mV	30.77 ft	100.0 ml/min
7/30/2025 12:29 PM	10:00	5.269 pH	24.87 °C	174.5 µS/cm	0.847 mg/L	2.460 NTU	34.1 mV	30.93 ft	100.0 ml/min
7/30/2025 12:34 PM	15:00	5.267 pH	25.18 °C	178.5 µS/cm	0.672 mg/L	1.760 NTU	28.7 mV	31.00 ft	100.0 ml/min
7/30/2025 12:39 PM	20:00	5.276 pH	26.01 °C	181.7 µS/cm	0.624 mg/L	1.360 NTU	19.4 mV	31.08 ft	100.0 ml/min
7/30/2025 12:44 PM	25:00	5.280 pH	26.25 °C	185.6 µS/cm	0.554 mg/L	1.210 NTU	11.8 mV	31.08 ft	100.0 ml/min
7/30/2025 12:49 PM	30:00	5.279 pH	26.24 °C	188.8 µS/cm	0.494 mg/L	0.920 NTU	7.9 mV	31.21 ft	100.0 ml/min
7/30/2025 12:54 PM	35:00	5.277 pH	26.14 °C	192.3 µS/cm	0.455 mg/L	0.820 NTU	4.7 mV	31.24 ft	100.0 ml/min
7/30/2025 12:59 PM	40:00	5.286 pH	26.46 °C	194.2 µS/cm	0.428 mg/L	1.120 NTU	2.4 mV	31.26 ft	100.0 ml/min
7/30/2025 1:04 PM	45:00	5.281 pH	26.62 °C	196.5 µS/cm	0.526 mg/L	0.950 NTU	2.1 mV	31.26 ft	100.0 ml/min

Samples

Sample ID:	Description:

SCH-SGWC-10	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/31/2025 11:10:33 AM
Project: SCH-SGWC-11
Operator Name: Daniel Howard

Location Name: SCH-SGWC-11 **Latitude: 33.08598596605759** **Longitude: -83.82169858560322** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.7 ft** **Total Depth: 42.7 ft** **Initial Depth to Water: 33.34 ft**	**Pump Type: QED BLADDER PUMP** **Tubing Type: LDPE** **Pump Intake From TOC: 39.5 ft** **Estimated Total Volume Pumped: 32250 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 1.4 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1445.

Weather Conditions:
Hot and humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/31/2025 11:10 AM	00:00	5.303 pH	24.06 °C	182.3 µS/cm	1.857 mg/L	72.50 NTU	-39.6 mV	33.34 ft	150.0 ml/min
7/31/2025 11:15 AM	05:00	5.314 pH	24.69 °C	173.8 µS/cm	1.592 mg/L	34.30 NTU	-23.9 mV	33.83 ft	150.0 ml/min
7/31/2025 11:20 AM	10:00	5.304 pH	24.49 °C	170.2 µS/cm	1.476 mg/L	27.30 NTU	-18.7 mV	34.02 ft	150.0 ml/min
7/31/2025 11:25 AM	15:00	5.273 pH	24.59 °C	164.7 µS/cm	1.453 mg/L	23.20 NTU	-13.2 mV	34.21 ft	150.0 ml/min
7/31/2025 11:30 AM	20:00	5.256 pH	25.14 °C	164.0 µS/cm	1.498 mg/L	18.80 NTU	-17.5 mV	34.43 ft	150.0 ml/min
7/31/2025 11:35 AM	25:00	5.243 pH	25.80 °C	163.5 µS/cm	1.543 mg/L	17.70 NTU	-20.7 mV	34.51 ft	150.0 ml/min
7/31/2025 11:40 AM	30:00	5.204 pH	25.62 °C	165.6 µS/cm	1.200 mg/L	19.20 NTU	-39.0 mV	34.63 ft	150.0 ml/min
7/31/2025 11:45 AM	35:00	5.194 pH	25.96 °C	165.5 µS/cm	1.189 mg/L	19.60 NTU	-23.1 mV	34.70 ft	150.0 ml/min
7/31/2025 11:50 AM	40:00	5.188 pH	26.41 °C	171.7 µS/cm	0.974 mg/L	17.70 NTU	-26.6 mV	34.70 ft	150.0 ml/min
7/31/2025 11:55 AM	45:00	5.179 pH	25.92 °C	175.2 µS/cm	0.711 mg/L	16.50 NTU	-45.3 mV	34.70 ft	150.0 ml/min
7/31/2025 12:00 PM	50:00	5.171 pH	25.84 °C	176.7 µS/cm	0.556 mg/L	14.90 NTU	-27.1 mV	34.72 ft	150.0 ml/min
7/31/2025 12:05 PM	55:00	5.166 pH	26.24 °C	177.8 µS/cm	0.511 mg/L	13.10 NTU	-28.2 mV	34.73 ft	150.0 ml/min
7/31/2025 12:10 PM	01:00:00	5.156 pH	26.45 °C	176.8 µS/cm	0.484 mg/L	10.60 NTU	-27.0 mV	34.75 ft	150.0 ml/min

7/31/2025 12:15 PM	01:05:00	5.151 pH	25.87 °C	175.4 µS/cm	0.446 mg/L	11.00 NTU	-23.6 mV	34.77 ft	150.0 ml/min
7/31/2025 12:20 PM	01:10:00	5.148 pH	25.96 °C	174.9 µS/cm	0.412 mg/L	9.170 NTU	-23.6 mV	34.78 ft	150.0 ml/min
7/31/2025 12:25 PM	01:15:00	5.147 pH	26.55 °C	173.0 µS/cm	0.388 mg/L	9.830 NTU	-23.5 mV	34.78 ft	150.0 ml/min
7/31/2025 12:30 PM	01:20:00	5.141 pH	26.35 °C	174.5 µS/cm	0.360 mg/L	9.750 NTU	-23.1 mV	34.78 ft	150.0 ml/min
7/31/2025 12:35 PM	01:25:00	5.137 pH	26.18 °C	173.8 µS/cm	0.327 mg/L	9.200 NTU	-21.3 mV	34.78 ft	150.0 ml/min
7/31/2025 12:40 PM	01:30:00	5.137 pH	25.99 °C	173.4 µS/cm	0.301 mg/L	8.690 NTU	-20.6 mV	34.78 ft	150.0 ml/min
7/31/2025 12:45 PM	01:35:00	5.132 pH	25.97 °C	172.9 µS/cm	0.270 mg/L	8.860 NTU	-20.1 mV	34.78 ft	150.0 ml/min
7/31/2025 12:50 PM	01:40:00	5.129 pH	26.72 °C	171.7 µS/cm	0.266 mg/L	8.000 NTU	-21.6 mV	34.79 ft	150.0 ml/min
7/31/2025 12:55 PM	01:45:00	5.123 pH	26.92 °C	171.2 µS/cm	0.247 mg/L	7.570 NTU	-20.6 mV	34.79 ft	150.0 ml/min
7/31/2025 1:00 PM	01:50:00	5.122 pH	26.31 °C	170.5 µS/cm	0.242 mg/L	7.320 NTU	-17.5 mV	34.79 ft	150.0 ml/min
7/31/2025 1:05 PM	01:55:00	5.126 pH	26.91 °C	171.5 µS/cm	0.228 mg/L	6.570 NTU	-19.4 mV	34.79 ft	150.0 ml/min
7/31/2025 1:10 PM	02:00:00	5.122 pH	26.88 °C	170.7 µS/cm	0.217 mg/L	6.920 NTU	-17.9 mV	34.76 ft	150.0 ml/min
7/31/2025 1:15 PM	02:05:00	5.118 pH	27.15 °C	170.3 µS/cm	0.208 mg/L	6.630 NTU	-17.2 mV	34.76 ft	150.0 ml/min
7/31/2025 1:20 PM	02:10:00	5.104 pH	26.97 °C	169.4 µS/cm	0.204 mg/L	6.020 NTU	-15.0 mV	34.76 ft	150.0 ml/min
7/31/2025 1:25 PM	02:15:00	5.099 pH	26.72 °C	167.3 µS/cm	0.196 mg/L	5.820 NTU	-12.4 mV	34.76 ft	150.0 ml/min
7/31/2025 1:30 PM	02:20:00	5.098 pH	26.33 °C	166.3 µS/cm	0.192 mg/L	5.750 NTU	-10.4 mV	34.76 ft	150.0 ml/min
7/31/2025 1:35 PM	02:25:00	5.100 pH	26.35 °C	165.3 µS/cm	0.186 mg/L	5.440 NTU	-9.4 mV	34.76 ft	150.0 ml/min
7/31/2025 1:40 PM	02:30:00	5.101 pH	26.00 °C	164.7 µS/cm	0.186 mg/L	5.250 NTU	-8.1 mV	34.76 ft	150.0 ml/min
7/31/2025 1:45 PM	02:35:00	5.099 pH	27.10 °C	165.8 µS/cm	0.186 mg/L	5.200 NTU	-10.9 mV	34.76 ft	150.0 ml/min
7/31/2025 1:50 PM	02:40:00	5.092 pH	27.22 °C	164.6 µS/cm	0.181 mg/L	4.890 NTU	-8.9 mV	34.76 ft	150.0 ml/min
7/31/2025 1:55 PM	02:45:00	5.086 pH	26.60 °C	163.8 µS/cm	0.175 mg/L	4.440 NTU	-5.9 mV	34.78 ft	150.0 ml/min
7/31/2025 2:00 PM	02:50:00	5.085 pH	25.79 °C	163.5 µS/cm	0.179 mg/L	4.670 NTU	-2.7 mV	34.78 ft	150.0 ml/min
7/31/2025 2:05 PM	02:55:00	5.084 pH	25.66 °C	162.2 µS/cm	0.179 mg/L	4.230 NTU	-1.3 mV	34.78 ft	150.0 ml/min
7/31/2025 2:10 PM	03:00:00	5.085 pH	26.33 °C	162.5 µS/cm	0.191 mg/L	4.160 NTU	-2.9 mV	34.78 ft	150.0 ml/min
7/31/2025 2:15 PM	03:05:00	5.081 pH	26.70 °C	162.0 µS/cm	0.186 mg/L	3.800 NTU	-2.5 mV	34.74 ft	150.0 ml/min
7/31/2025 2:20 PM	03:10:00	5.079 pH	26.24 °C	160.5 µS/cm	0.189 mg/L	3.780 NTU	0.3 mV	34.74 ft	150.0 ml/min
7/31/2025 2:25 PM	03:15:00	5.078 pH	27.01 °C	160.9 µS/cm	0.190 mg/L	3.400 NTU	-0.9 mV	34.74 ft	150.0 ml/min
7/31/2025 2:30 PM	03:20:00	5.084 pH	27.27 °C	160.3 µS/cm	0.191 mg/L	3.220 NTU	-2.8 mV	34.74 ft	150.0 ml/min
7/31/2025 2:35 PM	03:25:00	5.082 pH	27.09 °C	160.1 µS/cm	0.192 mg/L	3.080 NTU	-0.9 mV	34.74 ft	150.0 ml/min

7/31/2025 2:40 PM	03:30:00	5.085 pH	26.45 °C	158.8 µS/cm	0.193 mg/L	2.780 NTU	2.7 mV	34.74 ft	150.0 ml/min
7/31/2025 2:45 PM	03:35:00	5.079 pH	26.15 °C	159.7 µS/cm	0.200 mg/L	2.390 NTU	4.5 mV	34.74 ft	150.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-11	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/31/2025 9:11:49 AM
Project: SCH-SGWC-12
Operator Name: Juliet Talaber

Location Name: SCH-SGWC-12 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 40.2 ft** **Total Depth: 50.2 ft** **Initial Depth to Water: 27.89 ft**	**Pump Type: Dedicated** **Tubing Type: Polyethylene** **Pump Intake From TOC: 50.2 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 4.13 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:

Weather Conditions:
Sunny, 79

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/31/2025 9:11 AM	00:00	6.754 pH	24.40 °C	314.0 µS/cm	5.209 mg/L	2.010 NTU	21.0 mV	27.89 ft	200.0 ml/min
7/31/2025 9:16 AM	05:00	6.086 pH	21.89 °C	337.4 µS/cm	1.217 mg/L	1.300 NTU	37.8 mV	30.45 ft	200.0 ml/min
7/31/2025 9:21 AM	10:00	6.240 pH	21.44 °C	323.2 µS/cm	1.866 mg/L	0.980 NTU	36.9 mV	31.45 ft	200.0 ml/min
7/31/2025 9:26 AM	15:00	6.224 pH	21.59 °C	324.8 µS/cm	1.870 mg/L	0.600 NTU	38.3 mV	32.02 ft	200.0 ml/min
7/31/2025 9:31 AM	20:00	6.180 pH	21.68 °C	331.0 µS/cm	1.807 mg/L	0.600 NTU	39.9 mV	32.02 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-12	

Low-Flow Test Report:

Test Date / Time: 7/30/2025 1:30:35 PM
Project: SCH-SGWC-13
Operator Name: Brad Bryan

Location Name: SCH-SGWC-13 **Latitude: 33.08213054205578** **Longitude: -83.81020096138474** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 34.2 ft** **Total Depth: 44.2 ft** **Initial Depth to Water: 15.7 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 39.2 ft** **Estimated Total Volume Pumped: 8000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.3 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:

Weather Conditions:
Sunny 90

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/30/2025 1:30 PM	00:00	5.870 pH	23.14 °C	498.2 µS/cm	0.665 mg/L	13.00 NTU	133.7 mV	16.98 ft	200.0 ml/min
7/30/2025 1:35 PM	05:00	5.823 pH	22.92 °C	485.3 µS/cm	0.526 mg/L	8.140 NTU	117.6 mV	16.98 ft	200.0 ml/min
7/30/2025 1:40 PM	10:00	5.814 pH	23.00 °C	486.3 µS/cm	0.342 mg/L	6.690 NTU	107.7 mV	17.00 ft	200.0 ml/min
7/30/2025 1:45 PM	15:00	5.810 pH	23.04 °C	483.3 µS/cm	0.263 mg/L	5.480 NTU	106.6 mV	17.00 ft	200.0 ml/min
7/30/2025 1:50 PM	20:00	5.802 pH	23.35 °C	488.0 µS/cm	0.214 mg/L	4.880 NTU	108.9 mV	17.00 ft	200.0 ml/min
7/30/2025 1:55 PM	25:00	5.787 pH	23.53 °C	487.8 µS/cm	0.201 mg/L	4.130 NTU	112.8 mV	17.00 ft	200.0 ml/min
7/30/2025 2:00 PM	30:00	5.787 pH	23.57 °C	487.3 µS/cm	0.186 mg/L	3.260 NTU	118.4 mV	17.00 ft	200.0 ml/min
7/30/2025 2:05 PM	35:00	5.783 pH	23.32 °C	487.0 µS/cm	0.183 mg/L	3.040 NTU	120.4 mV	17.00 ft	200.0 ml/min
7/30/2025 2:10 PM	40:00	5.779 pH	23.08 °C	490.2 µS/cm	0.187 mg/L	2.410 NTU	121.8 mV	17.00 ft	200.0 ml/min

Samples

Sample ID:	Description:

SCH-SGWC-13	Sample at 1410

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/31/2025 10:12:12 AM
Project: SCH-SGWC-14
Operator Name: Juliet Talaber

Location Name: SCH-SGWC-14 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28.5 ft** **Total Depth: 38.5 ft** **Initial Depth to Water: 15.15 ft**	**Pump Type: Dedicated** **Tubing Type: Polyethylene** **Pump Intake From TOC: 23.87 ft** **Estimated Total Volume Pumped: 9000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: -0.95 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/31/2025 10:12 AM	00:00	5.510 pH	20.42 °C	539.2 µS/cm	1.427 mg/L	15.90 NTU	51.1 mV	15.15 ft	200.0 ml/min
7/31/2025 10:17 AM	05:00	5.407 pH	19.53 °C	554.5 µS/cm	0.629 mg/L	12.20 NTU	67.9 mV	14.20 ft	200.0 ml/min
7/31/2025 10:22 AM	10:00	5.419 pH	19.37 °C	551.9 µS/cm	0.513 mg/L	11.50 NTU	56.0 mV	14.20 ft	200.0 ml/min
7/31/2025 10:27 AM	15:00	5.438 pH	19.18 °C	551.9 µS/cm	0.436 mg/L	10.80 NTU	55.0 mV	14.20 ft	200.0 ml/min
7/31/2025 10:32 AM	20:00	5.424 pH	19.04 °C	550.8 µS/cm	0.397 mg/L	8.120 NTU	54.1 mV	14.20 ft	200.0 ml/min
7/31/2025 10:37 AM	25:00	5.431 pH	19.02 °C	549.4 µS/cm	0.348 mg/L	6.910 NTU	53.5 mV	14.20 ft	200.0 ml/min
7/31/2025 10:42 AM	30:00	5.439 pH	18.94 °C	548.7 µS/cm	0.330 mg/L	5.270 NTU	52.7 mV	14.20 ft	200.0 ml/min
7/31/2025 10:47 AM	35:00	5.439 pH	19.13 °C	550.9 µS/cm	0.281 mg/L	3.710 NTU	52.2 mV	14.20 ft	200.0 ml/min
7/31/2025 10:52 AM	40:00	5.446 pH	18.98 °C	548.0 µS/cm	0.248 mg/L	3.460 NTU	52.2 mV	14.20 ft	200.0 ml/min
7/31/2025 10:57 AM	45:00	5.439 pH	19.02 °C	550.4 µS/cm	0.227 mg/L	3.250 NTU	52.5 mV	14.20 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-14	
Metals	Metal test

Low-Flow Test Report:

Test Date / Time: 7/30/2025 11:20:43 AM
Project: SCH-SGWC-15
Operator Name: Jake Stucky

Location Name: SCH-SGWC-15 **Latitude: 33.0791283** **Longitude: -83.8058789** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.4 ft** **Total Depth: 48.4 ft** **Initial Depth to Water: 32.72 ft**	**Pump Type: Dedicated pump** **Tubing Type: LDPE** **Pump Intake From TOC: 43.4 ft** **Estimated Total Volume Pumped: 2000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.18 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5	+/- 0.2	≤5	Record Only	+/- 0.3	100-500
7/30/2025 11:20 AM	00:00	6.998 pH	29.28 °C	527.0 µS/cm	7.424 mg/L	2.060 NTU	199.0 mV	32.72 ft	100.0 ml/min
7/30/2025 11:25 AM	05:00	4.552 pH	22.24 °C	547.1 µS/cm	2.615 mg/L	2.990 NTU	286.8 mV	32.82 ft	100.0 ml/min
7/30/2025 11:30 AM	10:00	4.525 pH	21.52 °C	554.5 µS/cm	1.691 mg/L	2.590 NTU	313.7 mV	32.90 ft	100.0 ml/min
7/30/2025 11:35 AM	15:00	4.528 pH	21.55 °C	552.9 µS/cm	1.583 mg/L	2.110 NTU	336.2 mV	32.90 ft	100.0 ml/min
7/30/2025 11:40 AM	20:00	4.523 pH	21.15 °C	553.3 µS/cm	1.570 mg/L	2.600 NTU	374.8 mV	32.90 ft	100.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-15	

Low-Flow Test Report:

Test Date / Time: 7/23/2025 1:10:07 PM
Project: Plant Scherer
Operator Name: L. Duong

Location Name: SCH-SGWC-16 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.3 ft** **Total Depth: 43.3 ft** **Initial Depth to Water: 27.18 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: LDPE** **Pump Intake From TOC: 38.3 m** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.14 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
Rainy 79F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 0.2	≤5	Record Only	+/- 0.3	100-500
7/23/2025 1:10 PM	00:00	5.023 pH	22.48 °C	247.0 µS/cm	3.325 mg/L	6.920 NTU	201.6 mV	27.32 ft	200.0 ml/min
7/23/2025 1:15 PM	05:00	5.021 pH	22.18 °C	250.7 µS/cm	3.233 mg/L	4.130 NTU	254.8 mV	27.33 ft	200.0 ml/min
7/23/2025 1:20 PM	10:00	5.023 pH	22.21 °C	251.0 µS/cm	3.208 mg/L	2.940 NTU	273.5 mV	27.32 ft	200.0 ml/min
7/23/2025 1:25 PM	15:00	5.018 pH	22.35 °C	251.3 µS/cm	3.182 mg/L	2.150 NTU	292.0 mV	27.32 ft	200.0 ml/min
7/23/2025 1:30 PM	20:00	5.022 pH	22.49 °C	252.1 µS/cm	3.181 mg/L	1.290 NTU	306.4 mV	27.32 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/23/2025 2:30:06 PM
Project: Plant Scherer
Operator Name: L. Duong

Location Name: SCH-SGWC-17 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 17 ft** **Total Depth: 27 ft** **Initial Depth to Water: 3.08 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: LDPE** **Pump Intake From TOC: 19.24 m** **Estimated Total Volume Pumped: 13000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.62 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
Cloudy 82F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 0.2	≤5	Record Only	+/- 0.3	100-500
7/23/2025 2:30 PM	00:00	6.122 pH	24.79 °C	732.5 µS/cm	2.155 mg/L	90.50 NTU	144.4 mV	3.580 ft	200.0 ml/min
7/23/2025 2:35 PM	05:00	6.118 pH	23.61 °C	751.6 µS/cm	1.454 mg/L	46.70 NTU	181.1 mV	3.640 ft	200.0 ml/min
7/23/2025 2:40 PM	10:00	6.108 pH	23.70 °C	778.4 µS/cm	0.418 mg/L	34.80 NTU	214.9 mV	3.700 ft	200.0 ml/min
7/23/2025 2:45 PM	15:00	6.111 pH	24.13 °C	775.2 µS/cm	0.160 mg/L	21.60 NTU	179.1 mV	3.680 ft	200.0 ml/min
7/23/2025 2:50 PM	20:00	6.112 pH	23.70 °C	767.7 µS/cm	0.136 mg/L	13.20 NTU	182.0 mV	3.700 ft	200.0 ml/min
7/23/2025 2:55 PM	25:00	6.102 pH	23.89 °C	765.6 µS/cm	0.130 mg/L	7.850 NTU	180.9 mV	3.700 ft	200.0 ml/min
7/23/2025 3:00 PM	30:00	6.105 pH	24.05 °C	764.6 µS/cm	0.122 mg/L	6.070 NTU	226.7 mV	3.700 ft	200.0 ml/min
7/23/2025 3:05 PM	35:00	6.109 pH	24.07 °C	755.0 µS/cm	0.124 mg/L	3.880 NTU	188.4 mV	3.700 ft	200.0 ml/min
7/23/2025 3:10 PM	40:00	6.114 pH	24.04 °C	748.0 µS/cm	0.125 mg/L	3.760 NTU	192.6 mV	3.700 ft	200.0 ml/min
7/23/2025 3:15 PM	45:00	6.107 pH	24.10 °C	745.0 µS/cm	0.139 mg/L	3.530 NTU	246.4 mV	3.700 ft	200.0 ml/min
7/23/2025 3:20 PM	50:00	6.107 pH	24.12 °C	742.0 µS/cm	0.140 mg/L	2.880 NTU	200.2 mV	3.700 ft	200.0 ml/min
7/23/2025 3:25 PM	55:00	6.109 pH	24.19 °C	738.2 µS/cm	0.147 mg/L	2.700 NTU	198.3 mV	3.700 ft	200.0 ml/min
7/23/2025 3:30 PM	01:00:00	6.107 pH	24.07 °C	733.3 µS/cm	0.143 mg/L	2.460 NTU	202.0 mV	3.700 ft	200.0 ml/min

7/23/2025 3:35 PM	01:05:00	6.110 pH	23.92 °C	726.2 µS/cm	0.155 mg/L	2.140 NTU	202.3 mV	3.700 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/25/2025 9:51:34 AM
Project: SCH-SGWC-18
Operator Name: Daniel Howard

Location Name: SCH-SGWC-18 **Latitude: 33.070236789093414** **Longitude: -83.80646330312248** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37.6 ft** **Total Depth: 47.6 ft** **Initial Depth to Water: 45.71 ft**	**Pump Type: QED BLADDER PUMP** **Tubing Type: LDPE** **Pump Intake From TOC: 46.3 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.2 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1041. Purged 3 well volumes.

Weather Conditions:
Partly Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/25/2025 9:51 AM	00:00	5.000 pH	28.23 °C	1,813 µS/cm	2.763 mg/L	99.70 NTU	239.4 mV	45.71 ft	100.0 ml/min
7/25/2025 9:56 AM	05:00	4.939 pH	25.56 °C	1,820 µS/cm	2.494 mg/L	48.10 NTU	306.0 mV	45.85 ft	100.0 ml/min
7/25/2025 10:01 AM	10:00	4.912 pH	25.47 °C	1,815 µS/cm	2.476 mg/L	18.70 NTU	327.3 mV	45.87 ft	100.0 ml/min
7/25/2025 10:06 AM	15:00	4.882 pH	25.11 °C	1,803 µS/cm	3.336 mg/L	13.70 NTU	435.8 mV	45.88 ft	100.0 ml/min
7/25/2025 10:11 AM	20:00	4.878 pH	25.20 °C	1,822 µS/cm	2.975 mg/L	10.90 NTU	371.3 mV	45.88 ft	100.0 ml/min
7/25/2025 10:16 AM	25:00	4.871 pH	25.05 °C	1,815 µS/cm	2.808 mg/L	8.730 NTU	380.7 mV	45.91 ft	100.0 ml/min
7/25/2025 10:21 AM	30:00	4.869 pH	24.78 °C	1,823 µS/cm	2.683 mg/L	7.570 NTU	398.1 mV	45.91 ft	100.0 ml/min
7/25/2025 10:26 AM	35:00	4.867 pH	24.87 °C	1,827 µS/cm	2.538 mg/L	6.380 NTU	407.7 mV	45.91 ft	100.0 ml/min
7/25/2025 10:31 AM	40:00	4.868 pH	24.69 °C	1,817 µS/cm	2.463 mg/L	5.390 NTU	411.9 mV	45.91 ft	100.0 ml/min
7/25/2025 10:36 AM	45:00	4.865 pH	24.60 °C	1,822 µS/cm	2.447 mg/L	4.640 NTU	411.8 mV	45.91 ft	100.0 ml/min
7/25/2025 10:41 AM	50:00	4.864 pH	24.82 °C	1,823 µS/cm	2.419 mg/L	4.760 NTU	411.5 mV	45.91 ft	100.0 ml/min

Samples

Sample ID:	Description:
SCH-SCWC-18	

Low-Flow Test Report:

Test Date / Time: 7/24/2025 12:06:52 PM
Project: SCH-SGWC-19
Operator Name: Brad Bryan

Location Name: SCH-SGWC-19 **Latitude: 33.0676948512281** **Longitude: -83.80923863508161** **Well Diameter: 2 ft** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 27.4 ft** **Total Depth: 37.4 ft** **Initial Depth to Water: 16.68 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 32.4 ft** **Estimated Total Volume Pumped: 6000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.8 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:

Weather Conditions:
Cloudy rain 80

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/24/2025 12:06 PM	00:00	5.469 pH	21.27 °C	592.9 µS/cm	2.885 mg/L	7.710 NTU	172.9 mV	17.35 ft	200.0 ml/min
7/24/2025 12:11 PM	05:00	5.457 pH	21.79 °C	589.8 µS/cm	2.572 mg/L	7.030 NTU	162.2 mV	17.48 ft	200.0 ml/min
7/24/2025 12:16 PM	10:00	5.429 pH	21.51 °C	602.5 µS/cm	2.604 mg/L	4.650 NTU	116.2 mV	17.48 ft	200.0 ml/min
7/24/2025 12:21 PM	15:00	5.413 pH	21.46 °C	601.3 µS/cm	2.624 mg/L	2.930 NTU	110.5 mV	17.48 ft	200.0 ml/min
7/24/2025 12:26 PM	20:00	5.404 pH	21.51 °C	599.9 µS/cm	2.633 mg/L	2.300 NTU	108.8 mV	17.48 ft	200.0 ml/min
7/24/2025 12:31 PM	25:00	5.397 pH	21.52 °C	603.5 µS/cm	2.630 mg/L	2.000 NTU	108.7 mV	17.48 ft	200.0 ml/min
7/24/2025 12:36 PM	30:00	5.405 pH	21.84 °C	591.3 µS/cm	2.618 mg/L	1.650 NTU	142.9 mV	17.48 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-19	Sample at 12:40

Low-Flow Test Report:

Test Date / Time: 7/24/2025 2:09:39 PM
Project: SCH-SGWC-20
Operator Name: Brad Bryan

Location Name: SCH-SGWC-20 **Latitude: 33.06777104272793** **Longitude: -83.81180274308082** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 17.9 ft** **Total Depth: 27.9 ft** **Initial Depth to Water: 16.70 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 22.9 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.01 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:

Weather Conditions:
Cloudy rain

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/24/2025 2:09 PM	00:00	4.099 pH	22.53 °C	728.3 µS/cm	2.462 mg/L	2.110 NTU	277.9 mV	17.43 ft	200.0 ml/min
7/24/2025 2:14 PM	05:00	4.118 pH	21.63 °C	647.0 µS/cm	1.302 mg/L	1.920 NTU	324.1 mV	17.60 ft	200.0 ml/min
7/24/2025 2:19 PM	10:00	4.141 pH	21.57 °C	638.8 µS/cm	1.075 mg/L	1.490 NTU	338.5 mV	17.70 ft	200.0 ml/min
7/24/2025 2:24 PM	15:00	4.184 pH	21.49 °C	620.5 µS/cm	0.643 mg/L	1.220 NTU	299.4 mV	17.71 ft	200.0 ml/min
7/24/2025 2:29 PM	20:00	4.224 pH	21.64 °C	604.4 µS/cm	0.382 mg/L	1.080 NTU	318.1 mV	17.71 ft	200.0 ml/min
7/24/2025 2:34 PM	25:00	4.258 pH	21.70 °C	608.1 µS/cm	0.258 mg/L	1.020 NTU	334.7 mV	17.71 ft	200.0 ml/min
7/24/2025 2:39 PM	30:00	4.271 pH	21.65 °C	602.2 µS/cm	0.204 mg/L	1.020 NTU	345.8 mV	17.71 ft	200.0 ml/min
7/24/2025 2:44 PM	35:00	4.278 pH	21.70 °C	611.2 µS/cm	0.179 mg/L	0.880 NTU	357.4 mV	17.71 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-20	Sample at14:45

Low-Flow Test Report:

Test Date / Time: 7/28/2025 12:03:20 PM
Project: SCH-SGWC-21
Operator Name: Brad Bryan

Location Name: SCH-SGWC-21 **Latitude: 33.066263347894946** **Longitude: -83.81550268277881** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 26.99 ft** **Total Depth: 27.99 ft** **Initial Depth to Water: 1.79 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 22.99 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.16 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:

Weather Conditions:
Sunny 100

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10	≤5	Record Only	+/- 0.3	100-500
7/28/2025 12:03 PM	00:00	6.194 pH	23.05 °C	693.8 µS/cm	0.423 mg/L	4.540 NTU	102.8 mV	1.940 ft	200.0 ml/min
7/28/2025 12:08 PM	05:00	6.187 pH	23.19 °C	658.7 µS/cm	0.556 mg/L	3.850 NTU	115.4 mV	1.950 ft	200.0 ml/min
7/28/2025 12:13 PM	10:00	6.187 pH	22.99 °C	613.5 µS/cm	0.486 mg/L	3.280 NTU	146.2 mV	1.950 ft	200.0 ml/min
7/28/2025 12:18 PM	15:00	6.188 pH	23.07 °C	608.5 µS/cm	0.621 mg/L	3.240 NTU	147.8 mV	1.950 ft	200.0 ml/min
7/28/2025 12:23 PM	20:00	6.193 pH	22.78 °C	612.7 µS/cm	0.599 mg/L	3.310 NTU	147.1 mV	1.950 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-21	Sample at 12:25

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/28/2025 1:24:51 PM
Project: SCH-SGWC-22
Operator Name: Brad Bryan

Location Name: SCH-SGWC-22 **Latitude: 33.0664072651724** **Longitude: -83.8192940690404** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 42.6 ft** **Total Depth: 52.6 ft** **Initial Depth to Water: 29.57 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 44.2 ft** **Estimated Total Volume Pumped: 6376.667 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.26 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:

Weather Conditions:
Sunny 100

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/28/2025 1:24 PM	00:00	5.957 pH	26.97 °C	222.0 µS/cm	0.717 mg/L	22.00 NTU	127.0 mV	31.00 ft	200.0 ml/min
7/28/2025 1:29 PM	05:00	5.631 pH	22.91 °C	252.5 µS/cm	0.250 mg/L	15.90 NTU	121.5 mV	29.95 ft	200.0 ml/min
7/28/2025 1:34 PM	10:00	5.613 pH	22.90 °C	261.2 µS/cm	0.171 mg/L	15.00 NTU	125.4 mV	29.87 ft	200.0 ml/min
7/28/2025 1:39 PM	15:00	5.606 pH	22.79 °C	269.1 µS/cm	0.167 mg/L	11.40 NTU	173.0 mV	29.85 ft	200.0 ml/min
7/28/2025 1:44 PM	20:00	5.623 pH	22.97 °C	276.3 µS/cm	0.167 mg/L	9.420 NTU	142.9 mV	29.83 ft	200.0 ml/min
7/28/2025 1:49 PM	25:00	5.627 pH	22.80 °C	282.5 µS/cm	0.165 mg/L	5.640 NTU	187.7 mV	29.83 ft	200.0 ml/min
7/28/2025 1:54 PM	30:00	5.632 pH	22.82 °C	284.7 µS/cm	0.172 mg/L	4.280 NTU	150.7 mV	29.83 ft	200.0 ml/min
7/28/2025 1:56 PM	31:53	5.629 pH	22.87 °C	287.8 µS/cm	0.172 mg/L	4.280 NTU	145.1 mV	29.83 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWC-22	Sample at 1400

Low-Flow Test Report:

Test Date / Time: 7/28/2025 2:39:03 PM
Project: SCH-SGWC-23
Operator Name: Brad Bryan

Location Name: SCH-SGWC-23 **Latitude: 33.069573277638355** **Longitude: -83.82211474709568** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 42.6 ft** **Total Depth: 52.6 ft** **Initial Depth to Water: 35.69 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 44.25 ft** **Estimated Total Volume Pumped: 8873.333 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.14 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:

Weather Conditions:
Sunny 100

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/28/2025 2:39 PM	00:00	6.411 pH	26.55 °C	246.7 µS/cm	5.466 mg/L	3.090 NTU	138.0 mV	35.81 ft	200.0 ml/min
7/28/2025 2:43 PM	04:22	5.968 pH	23.00 °C	297.5 µS/cm	1.805 mg/L	6.730 NTU	141.9 mV	35.83 ft	200.0 ml/min
7/28/2025 2:48 PM	09:22	5.953 pH	22.99 °C	295.1 µS/cm	1.490 mg/L	5.330 NTU	185.4 mV	35.83 ft	200.0 ml/min
7/28/2025 2:53 PM	14:22	5.937 pH	22.77 °C	297.9 µS/cm	1.130 mg/L	2.480 NTU	148.0 mV	35.83 ft	200.0 ml/min
7/28/2025 2:58 PM	19:22	5.940 pH	22.99 °C	294.0 µS/cm	1.234 mg/L	2.160 NTU	146.8 mV	35.83 ft	200.0 ml/min
7/28/2025 3:03 PM	24:22	5.913 pH	23.00 °C	271.8 µS/cm	1.973 mg/L	1.090 NTU	198.1 mV	35.83 ft	200.0 ml/min
7/28/2025 3:08 PM	29:22	5.893 pH	22.77 °C	247.5 µS/cm	2.817 mg/L	0.860 NTU	212.9 mV	35.83 ft	200.0 ml/min
7/28/2025 3:13 PM	34:22	5.884 pH	22.61 °C	232.5 µS/cm	3.276 mg/L	0.710 NTU	165.0 mV	35.83 ft	200.0 ml/min
7/28/2025 3:18 PM	39:22	5.887 pH	22.73 °C	227.2 µS/cm	3.494 mg/L	0.390 NTU	160.0 mV	35.83 ft	200.0 ml/min
7/28/2025 3:23 PM	44:22	5.880 pH	22.82 °C	223.0 µS/cm	3.590 mg/L	0.400 NTU	158.4 mV	35.83 ft	200.0 ml/min

Samples

Sample ID:	Description:

SCH-SGWC-23	Sample at 1525

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/28/2025 1:14:19 PM
Project: SCH-SGWA-24
Operator Name: Daniel Howard

Location Name: SCH-SGWA-24 **Latitude: 33.073550909788416** **Longitude: -83.82645338781533** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.9 ft** **Total Depth: 42.9 ft** **Initial Depth to Water: 15.71 ft**	**Pump Type: Dedicated bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 37.9 ft** **Estimated Total Volume Pumped: 10000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.41 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1404. Collected 2 extra Radium bottles for QC.

Weather Conditions:
Hot and humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤5	Record Only	+/- 0.3	100-500
7/28/2025 1:14 PM	00:00	6.247 pH	22.93 °C	181.1 µS/cm	1.623 mg/L	7.820 NTU	124.6 mV	15.71 ft	200.0 ml/min
7/28/2025 1:19 PM	05:00	6.239 pH	22.07 °C	179.6 µS/cm	1.322 mg/L	12.80 NTU	355.9 mV	16.18 ft	200.0 ml/min
7/28/2025 1:24 PM	10:00	6.234 pH	22.19 °C	181.6 µS/cm	1.040 mg/L	13.10 NTU	309.9 mV	16.16 ft	200.0 ml/min
7/28/2025 1:29 PM	15:00	6.229 pH	22.27 °C	180.8 µS/cm	0.891 mg/L	10.30 NTU	316.6 mV	16.12 ft	200.0 ml/min
7/28/2025 1:34 PM	20:00	6.227 pH	22.22 °C	180.2 µS/cm	0.848 mg/L	9.990 NTU	322.0 mV	16.12 ft	200.0 ml/min
7/28/2025 1:39 PM	25:00	6.219 pH	22.09 °C	179.1 µS/cm	0.798 mg/L	8.550 NTU	436.7 mV	16.12 ft	200.0 ml/min
7/28/2025 1:44 PM	30:00	6.220 pH	22.12 °C	181.0 µS/cm	0.777 mg/L	6.920 NTU	340.2 mV	16.12 ft	200.0 ml/min
7/28/2025 1:49 PM	35:00	6.219 pH	22.00 °C	179.6 µS/cm	0.744 mg/L	6.140 NTU	333.9 mV	16.12 ft	200.0 ml/min
7/28/2025 1:54 PM	40:00	6.217 pH	22.19 °C	179.9 µS/cm	0.730 mg/L	5.280 NTU	332.2 mV	16.12 ft	200.0 ml/min
7/28/2025 1:59 PM	45:00	6.218 pH	22.02 °C	179.5 µS/cm	0.726 mg/L	4.740 NTU	332.1 mV	16.12 ft	200.0 ml/min
7/28/2025 2:04 PM	50:00	6.215 pH	22.05 °C	179.6 µS/cm	0.714 mg/L	3.810 NTU	330.6 mV	16.12 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWA-24	

Low-Flow Test Report:

Test Date / Time: 7/30/2025 1:57:18 PM
Project: SCH-SGWA-25
Operator Name: Jake Stucky

Location Name: SCH-SGWA-25 **Latitude: 33.08031250497091** **Longitude: -83.82616067561818** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38 ft** **Total Depth: 48 ft** **Initial Depth to Water: 30.6 ft**	**Pump Type: Dedicated pump** **Tubing Type: LPDE** **Pump Intake From TOC: 39.75 ft** **Estimated Total Volume Pumped: 2500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.65 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5	+/- 0.2	≤5	Record Only	+/- 0.3	100-500
7/30/2025 1:57 PM	00:00	6.147 pH	27.13 °C	114.7 µS/cm	4.463 mg/L	25.40 NTU	169.1 mV	30.60 ft	100.0 ml/min
7/30/2025 2:02 PM	05:00	5.873 pH	22.37 °C	118.4 µS/cm	1.383 mg/L	22.60 NTU	333.0 mV	30.91 ft	100.0 ml/min
7/30/2025 2:07 PM	10:00	5.831 pH	20.62 °C	120.0 µS/cm	0.856 mg/L	16.10 NTU	396.0 mV	31.20 ft	100.0 ml/min
7/30/2025 2:12 PM	15:00	5.864 pH	20.33 °C	122.3 µS/cm	0.933 mg/L	10.50 NTU	535.4 mV	31.25 ft	100.0 ml/min
7/30/2025 2:17 PM	20:00	5.889 pH	20.39 °C	122.4 µS/cm	0.827 mg/L	5.630 NTU	462.7 mV	31.25 ft	100.0 ml/min
7/30/2025 2:22 PM	25:00	5.896 pH	20.48 °C	122.5 µS/cm	0.812 mg/L	3.330 NTU	471.3 mV	31.25 ft	100.0 ml/min

Samples

Sample ID:	Description:
SCH-SGWA-25	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/30/2025 11:53:44 AM
Project: SCH-PZ-13S
Operator Name: Juliet

Location Name: SCH-PZ-13S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.1 ft** **Total Depth: 48.1 ft** **Initial Depth to Water: 40.98 ft**	**Pump Type: Dedicated** **Tubing Type: Polyethylene** **Pump Intake From TOC: 48.1 ft** **Estimated Total Volume Pumped: 8000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.4 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:

Purge began at 11:29 AM; Low-Flow test began at 11:53 AM.

Weather Conditions:
Hot sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/30/2025 11:53 AM	00:00	5.202 pH	26.55 °C	73.97 µS/cm	1.943 mg/L	9.210 NTU	129.6 mV	40.98 ft	200.0 ml/min
7/30/2025 11:58 AM	05:00	5.137 pH	21.55 °C	79.59 µS/cm	0.880 mg/L	9.210 NTU	93.9 mV	40.85 ft	200.0 ml/min
7/30/2025 12:03 PM	10:00	5.146 pH	21.61 °C	80.13 µS/cm	0.719 mg/L	7.010 NTU	88.1 mV	40.85 ft	200.0 ml/min
7/30/2025 12:08 PM	15:00	5.151 pH	21.35 °C	80.15 µS/cm	0.653 mg/L	5.630 NTU	104.7 mV	41.25 ft	200.0 ml/min
7/30/2025 12:13 PM	20:00	5.130 pH	21.42 °C	80.26 µS/cm	0.582 mg/L	3.700 NTU	106.0 mV	41.25 ft	200.0 ml/min
7/30/2025 12:18 PM	25:00	5.140 pH	21.06 °C	80.49 µS/cm	0.536 mg/L	3.300 NTU	84.6 mV	41.25 ft	200.0 ml/min
7/30/2025 12:26 PM	30:00	5.148 pH	21.12 °C	80.60 µS/cm	0.498 mg/L	2.910 NTU	100.5 mV	41.25 ft	200.0 ml/min
7/30/2025 12:31 PM	35:00	5.161 pH	21.04 °C	80.81 µS/cm	0.479 mg/L	2.740 NTU	81.6 mV	41.25 ft	200.0 ml/min
7/30/2025 12:36 PM	40:00	5.177 pH	21.27 °C	80.84 µS/cm	0.462 mg/L	2.680 NTU	79.2 mV	41.25 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-13S	

Low-Flow Test Report:

Test Date / Time: 7/29/2025 1:11:04 PM
Project: SCH-PZ-14S
Operator Name: Juliet

Location Name: SCH-PZ-14S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.25 ft** **Total Depth: 48.25 ft** **Initial Depth to Water: 33 ft**	**Pump Type: Dedicated** **Tubing Type: Polyethylene** **Pump Intake From TOC: 48.25 ft** **Estimated Total Volume Pumped: 4586.667 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:

Weather Conditions:
Sunny, 93

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/29/2025 1:11 PM	00:00	6.991 pH	29.72 °C	59.43 µS/cm	5.868 mg/L	10.50 NTU	101.1 mV	33.00 ft	200.0 ml/min
7/29/2025 1:16 PM	05:00	5.397 pH	21.28 °C	63.45 µS/cm	0.486 mg/L	7.260 NTU	98.4 mV	33.00 ft	200.0 ml/min
7/29/2025 1:19 PM	07:56	5.359 pH	20.51 °C	63.33 µS/cm	0.265 mg/L	6.700 NTU	87.9 mV	33.00 ft	200.0 ml/min
7/29/2025 1:24 PM	12:56	5.370 pH	20.42 °C	62.41 µS/cm	0.204 mg/L	3.900 NTU	83.5 mV	33.00 ft	200.0 ml/min
7/29/2025 1:29 PM	17:56	5.371 pH	20.31 °C	61.76 µS/cm	0.195 mg/L	2.010 NTU	95.9 mV	33.00 ft	200.0 ml/min
7/29/2025 1:34 PM	22:56	5.344 pH	20.43 °C	62.04 µS/cm	0.191 mg/L	1.810 NTU	80.0 mV	33.00 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-14S	

Low-Flow Test Report:

Test Date / Time: 7/29/2025 11:13:28 AM
Project: SCH-PZ-17I
Operator Name: Juliet

Location Name: SCH-PZ-17I **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 90.35 ft** **Total Depth: 100.35 ft** **Initial Depth to Water: 31 ft**	**Pump Type: Dedicated** **Tubing Type: Polyethylene** **Pump Intake From TOC: 95.35 ft** **Estimated Total Volume Pumped: 5100 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:

Weather Conditions:
Sunny ,90

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/29/2025 11:13 AM	00:00	6.617 pH	28.66 °C	354.7 µS/cm	2.281 mg/L	0.520 NTU	60.2 mV	31.00 ft	120.0 ml/min
7/29/2025 11:18 AM	05:00	6.573 pH	24.78 °C	348.2 µS/cm	0.264 mg/L	0.500 NTU	73.9 mV	31.00 ft	120.0 ml/min
7/29/2025 11:23 AM	10:00	6.574 pH	24.05 °C	354.2 µS/cm	0.162 mg/L	0.520 NTU	78.4 mV	31.00 ft	120.0 ml/min
7/29/2025 11:28 AM	15:00	6.584 pH	23.55 °C	350.1 µS/cm	0.157 mg/L	1.520 NTU	65.6 mV	31.00 ft	120.0 ml/min
7/29/2025 11:33 AM	20:00	6.579 pH	23.82 °C	353.1 µS/cm	0.185 mg/L	1.000 NTU	63.2 mV	31.00 ft	140.0 ml/min
7/29/2025 11:38 AM	25:00	6.583 pH	23.86 °C	350.9 µS/cm	0.197 mg/L	0.750 NTU	62.3 mV	31.00 ft	200.0 ml/min
7/29/2025 11:43 AM	30:00	6.595 pH	22.88 °C	349.5 µS/cm	0.238 mg/L	0.750 NTU	61.6 mV	31.00 ft	200.0 ml/min
7/29/2025 11:48 AM	35:00	6.598 pH	22.82 °C	352.5 µS/cm	0.254 mg/L	0.700 NTU	61.3 mV	31.00 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-17I	
SCH-AP1-FD-3	

Low-Flow Test Report:

Test Date / Time: 7/29/2025 9:21:14 AM
Project: SCH-PZ-39S
Operator Name: Z west

Location Name: SCH-PZ-39S **Latitude: 33.07911350280873** **Longitude: -83.80464414545037** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 70.38 ft** **Total Depth: 80.38 ft** **Initial Depth to Water: 39.79 ft**	**Pump Type: dedicated** **Tubing Type: Polyethylene** **Pump Intake From TOC: 75 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.26 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
82 sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/29/2025 9:21 AM	00:00	7.589 pH	25.05 °C	251.8 µS/cm	7.707 mg/L	1.430 NTU	115.3 mV	39.79 ft	200.0 ml/min
7/29/2025 9:26 AM	05:00	6.644 pH	20.33 °C	233.8 µS/cm	0.982 mg/L	4.080 NTU	63.8 mV	40.90 ft	200.0 ml/min
7/29/2025 9:31 AM	10:00	6.615 pH	20.21 °C	235.2 µS/cm	0.557 mg/L	1.940 NTU	55.6 mV	41.02 ft	200.0 ml/min
7/29/2025 9:36 AM	15:00	6.612 pH	20.21 °C	234.1 µS/cm	0.359 mg/L	1.180 NTU	48.9 mV	41.05 ft	200.0 ml/min
7/29/2025 9:41 AM	20:00	6.609 pH	20.22 °C	233.5 µS/cm	0.299 mg/L	1.530 NTU	43.4 mV	41.05 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-39S	Ex rad

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/29/2025 10:50:31 AM
Project: SCH-PZ-40I
Operator Name: Z west

Location Name: SCH-PZ-40I **Latitude: 33.070259400000005** **Longitude: -83.8064195** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 75.93 ft** **Total Depth: 85.93 ft** **Initial Depth to Water: 44.38 ft**	**Pump Type: dedicated** **Tubing Type: Polyethylene** **Pump Intake From TOC: 80 ft** **Estimated Total Volume Pumped: 11000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 3.68 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
86 sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/29/2025 10:50 AM	00:00	7.015 pH	27.98 °C	1,292 µS/cm	7.713 mg/L	1.890 NTU	91.1 mV	44.38 ft	200.0 ml/min
7/29/2025 10:55 AM	05:00	6.089 pH	23.51 °C	1,257 µS/cm	4.040 mg/L	2.380 NTU	7.9 mV	45.55 ft	200.0 ml/min
7/29/2025 11:00 AM	10:00	6.028 pH	23.16 °C	1,265 µS/cm	3.424 mg/L	1.070 NTU	-9.5 mV	46.23 ft	200.0 ml/min
7/29/2025 11:05 AM	15:00	6.011 pH	23.05 °C	1,247 µS/cm	3.035 mg/L	1.290 NTU	14.1 mV	46.76 ft	200.0 ml/min
7/29/2025 11:10 AM	20:00	6.014 pH	23.09 °C	1,249 µS/cm	2.477 mg/L	0.870 NTU	18.5 mV	47.20 ft	200.0 ml/min
7/29/2025 11:15 AM	25:00	6.020 pH	23.05 °C	1,234 µS/cm	2.139 mg/L	0.510 NTU	18.5 mV	47.48 ft	200.0 ml/min
7/29/2025 11:20 AM	30:00	6.036 pH	23.06 °C	1,236 µS/cm	1.870 mg/L	0.500 NTU	15.4 mV	47.72 ft	200.0 ml/min
7/29/2025 11:25 AM	35:00	6.061 pH	22.98 °C	1,235 µS/cm	1.684 mg/L	0.470 NTU	12.6 mV	47.93 ft	200.0 ml/min
7/29/2025 11:30 AM	40:00	6.082 pH	23.16 °C	1,231 µS/cm	1.470 mg/L	0.450 NTU	9.7 mV	48.06 ft	200.0 ml/min
7/29/2025 11:35 AM	45:00	6.069 pH	23.68 °C	1,241 µS/cm	1.496 mg/L	0.450 NTU	9.9 mV	48.06 ft	200.0 ml/min
7/29/2025 11:40 AM	50:00	6.063 pH	27.11 °C	1,251 µS/cm	1.465 mg/L	0.450 NTU	13.2 mV	48.06 ft	200.0 ml/min
7/29/2025 11:45 AM	55:00	6.104 pH	24.10 °C	1,236 µS/cm	1.391 mg/L	0.410 NTU	14.7 mV	48.06 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-40I	

Low-Flow Test Report:

Test Date / Time: 7/29/2025 1:02:15 PM
Project: SCH-PZ-41S
Operator Name: Z west

Location Name: PZ-41S **Latitude: 33.069906760934494** **Longitude: -83.80572941805525** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37.42 ft** **Total Depth: 47.42 ft** **Initial Depth to Water: 33.76 ft**	**Pump Type: dedicated** **Tubing Type: Polyethylene** **Pump Intake From TOC: 80 ft** **Estimated Total Volume Pumped: 5250 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 1.13 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
93 sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/29/2025 1:02 PM	00:00	6.322 pH	30.68 °C	1,309 µS/cm	5.300 mg/L	3.680 NTU	102.4 mV	33.76 ft	150.0 ml/min
7/29/2025 1:07 PM	05:00	5.969 pH	21.84 °C	1,420 µS/cm	2.863 mg/L	1.550 NTU	102.6 mV	34.80 ft	150.0 ml/min
7/29/2025 1:12 PM	10:00	5.922 pH	21.37 °C	1,436 µS/cm	1.952 mg/L	2.030 NTU	73.2 mV	34.89 ft	150.0 ml/min
7/29/2025 1:17 PM	15:00	5.885 pH	21.24 °C	1,423 µS/cm	1.379 mg/L	0.710 NTU	67.7 mV	34.89 ft	150.0 ml/min
7/29/2025 1:22 PM	20:00	5.870 pH	21.30 °C	1,422 µS/cm	1.085 mg/L	0.770 NTU	64.2 mV	34.89 ft	150.0 ml/min
7/29/2025 1:27 PM	25:00	5.865 pH	21.16 °C	1,430 µS/cm	0.931 mg/L	1.630 NTU	62.2 mV	34.89 ft	150.0 ml/min
7/29/2025 1:32 PM	30:00	5.847 pH	21.86 °C	1,438 µS/cm	0.941 mg/L	0.580 NTU	57.8 mV	34.89 ft	150.0 ml/min
7/29/2025 1:37 PM	35:00	5.858 pH	21.39 °C	1,413 µS/cm	0.934 mg/L	1.930 NTU	60.7 mV	34.89 ft	150.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-41S	

Low-Flow Test Report:

Test Date / Time: 7/29/2025 2:46:47 PM
Project: SCH-PZ-42I
Operator Name: Z west

Location Name: PZ-42I **Latitude: 33.06771376724341** **Longitude: -83.81169507291074** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 87.46 ft** **Total Depth: 97.46 ft** **Initial Depth to Water: 13.62 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 92 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2.17 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
94 sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/29/2025 2:46 PM	00:00	6.242 pH	24.51 °C	648.1 µS/cm	0.342 mg/L	0.680 NTU	-48.1 mV	13.62 ft	200.0 ml/min
7/29/2025 2:51 PM	05:00	6.253 pH	23.33 °C	661.3 µS/cm	0.253 mg/L	1.920 NTU	-7.3 mV	15.29 ft	200.0 ml/min
7/29/2025 2:56 PM	10:00	6.258 pH	23.29 °C	659.9 µS/cm	0.274 mg/L	1.870 NTU	-2.7 mV	15.55 ft	200.0 ml/min
7/29/2025 3:01 PM	15:00	6.257 pH	23.36 °C	662.4 µS/cm	0.220 mg/L	2.090 NTU	-6.4 mV	15.70 ft	200.0 ml/min
7/29/2025 3:06 PM	20:00	6.262 pH	23.24 °C	659.3 µS/cm	0.180 mg/L	1.800 NTU	-13.7 mV	15.79 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-42I	SCH-AP1-FB-3

Low-Flow Test Report:

Test Date / Time: 7/29/2025 9:18:50 AM
Project: SCH-PZ-43S
Operator Name: Brad Bryan

Location Name: PZ-43S **Latitude: 33.06660780220578** **Longitude: -83.81111727103945** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 43.9 ft** **Total Depth: 53.9 ft** **Initial Depth to Water: 25.3 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 49 m** **Estimated Total Volume Pumped: 36000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 2.65 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:

Weather Conditions:
Sunny PO

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/29/2025 9:18 AM	00:00	10.73 pH	19.74 °C	1,099 µS/cm	4.448 mg/L	12.90 NTU	67.1 mV	26.98 ft	250.0 ml/min
7/29/2025 9:23 AM	05:00	11.64 pH	19.65 °C	1,130 µS/cm	4.338 mg/L	8.570 NTU	55.9 mV	27.30 ft	250.0 ml/min
7/29/2025 9:28 AM	10:00	11.71 pH	19.68 °C	1,150 µS/cm	4.079 mg/L	6.370 NTU	41.7 mV	27.41 ft	250.0 ml/min
7/29/2025 9:33 AM	15:00	11.71 pH	19.65 °C	1,129 µS/cm	3.932 mg/L	5.530 NTU	38.3 mV	27.48 ft	250.0 ml/min
7/29/2025 9:38 AM	20:00	11.68 pH	19.74 °C	1,076 µS/cm	3.776 mg/L	3.460 NTU	37.1 mV	27.53 ft	250.0 ml/min
7/29/2025 9:43 AM	25:00	11.65 pH	19.70 °C	1,016 µS/cm	3.590 mg/L	3.330 NTU	36.7 mV	27.60 ft	250.0 ml/min
7/29/2025 9:48 AM	30:00	11.61 pH	19.69 °C	943.5 µS/cm	3.394 mg/L	2.160 NTU	37.1 mV	27.60 ft	250.0 ml/min
7/29/2025 9:53 AM	35:00	11.56 pH	19.62 °C	876.7 µS/cm	3.216 mg/L	1.690 NTU	37.4 mV	27.60 ft	250.0 ml/min
7/29/2025 9:58 AM	40:00	11.49 pH	19.64 °C	813.7 µS/cm	2.996 mg/L	1.410 NTU	37.9 mV	27.60 ft	250.0 ml/min
7/29/2025 10:03 AM	45:00	11.42 pH	19.67 °C	753.6 µS/cm	2.811 mg/L	1.570 NTU	38.6 mV	27.60 ft	250.0 ml/min
7/29/2025 10:08 AM	50:00	11.37 pH	19.60 °C	704.6 µS/cm	2.649 mg/L	1.160 NTU	38.9 mV	27.60 ft	250.0 ml/min
7/29/2025 10:13 AM	55:00	11.29 pH	19.47 °C	658.7 µS/cm	2.476 mg/L	0.990 NTU	39.5 mV	27.60 ft	250.0 ml/min
7/29/2025 10:18 AM	01:00:00	11.23 pH	19.38 °C	624.9 µS/cm	2.369 mg/L	0.990 NTU	40.0 mV	27.66 ft	300.0 ml/min

7/29/2025 10:23 AM	01:05:00	11.16 pH	19.38 °C	592.2 µS/cm	2.245 mg/L	0.840 NTU	40.5 mV	27.70 ft	300.0 ml/min
7/29/2025 10:28 AM	01:10:00	11.07 pH	19.34 °C	561.2 µS/cm	2.089 mg/L	0.720 NTU	41.1 mV	27.77 ft	300.0 ml/min
7/29/2025 10:33 AM	01:15:00	10.99 pH	19.36 °C	540.0 µS/cm	1.995 mg/L	0.640 NTU	41.6 mV	27.85 ft	300.0 ml/min
7/29/2025 10:38 AM	01:20:00	10.96 pH	19.38 °C	529.8 µS/cm	1.940 mg/L	0.620 NTU	41.7 mV	27.93 ft	300.0 ml/min
7/29/2025 10:43 AM	01:25:00	10.89 pH	19.45 °C	512.3 µS/cm	1.878 mg/L	0.680 NTU	41.9 mV	27.95 ft	300.0 ml/min
7/29/2025 10:48 AM	01:30:00	10.83 pH	19.43 °C	505.6 µS/cm	1.818 mg/L	0.530 NTU	42.7 mV	27.95 ft	300.0 ml/min
7/29/2025 10:53 AM	01:35:00	10.70 pH	19.47 °C	486.5 µS/cm	1.719 mg/L	0.470 NTU	43.5 mV	27.95 ft	300.0 ml/min
7/29/2025 10:58 AM	01:40:00	10.55 pH	19.51 °C	466.3 µS/cm	1.608 mg/L	0.390 NTU	44.4 mV	27.95 ft	300.0 ml/min
7/29/2025 11:03 AM	01:45:00	10.43 pH	19.43 °C	459.3 µS/cm	1.549 mg/L	0.420 NTU	45.2 mV	27.95 ft	300.0 ml/min
7/29/2025 11:08 AM	01:50:00	10.32 pH	19.52 °C	452.2 µS/cm	1.475 mg/L	0.410 NTU	46.2 mV	27.95 ft	300.0 ml/min
7/29/2025 11:13 AM	01:55:00	10.27 pH	19.67 °C	449.2 µS/cm	1.434 mg/L	0.400 NTU	46.4 mV	27.95 ft	300.0 ml/min
7/29/2025 11:18 AM	02:00:00	10.24 pH	19.56 °C	449.6 µS/cm	1.422 mg/L	0.420 NTU	46.4 mV	27.95 ft	300.0 ml/min
7/29/2025 11:23 AM	02:05:00	10.23 pH	19.67 °C	449.2 µS/cm	1.411 mg/L	0.430 NTU	45.8 mV	27.95 ft	300.0 ml/min
7/29/2025 11:28 AM	02:10:00	10.18 pH	19.65 °C	448.8 µS/cm	1.383 mg/L	0.460 NTU	46.5 mV	27.95 ft	300.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-43S	Sampled at 1130

Low-Flow Test Report:

Test Date / Time: 7/29/2025 8:58:59 AM
Project: SCH-PZ-44I
Operator Name: EEA

Location Name: PZ-44I **Latitude: 33.06608353288813** **Longitude: -83.80696528394822** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 10 ft** **Top of Screen: 107.2 ft** **Total Depth: 117.2 ft** **Initial Depth to Water: 32.5 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 112.2 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.3 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Sunny 87

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/29/2025 8:58 AM	00:00	7.172 pH	24.59 °C	226.7 µS/cm	2.877 mg/L	1.560 NTU	10.8 mV	32.80 ft	200.0 ml/min
7/29/2025 9:03 AM	05:00	6.690 pH	21.15 °C	236.9 µS/cm	0.117 mg/L	0.960 NTU	-1.6 mV	33.50 ft	200.0 ml/min
7/29/2025 9:08 AM	10:00	6.669 pH	21.05 °C	233.8 µS/cm	0.080 mg/L	1.100 NTU	-5.1 mV	33.50 ft	200.0 ml/min
7/29/2025 9:13 AM	15:00	6.661 pH	21.07 °C	230.4 µS/cm	0.064 mg/L	0.720 NTU	-19.6 mV	33.80 ft	200.0 ml/min
7/29/2025 9:18 AM	20:00	6.644 pH	21.18 °C	226.4 µS/cm	0.058 mg/L	1.020 NTU	-7.5 mV	33.80 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-44I	Sampled at 0918

Low-Flow Test Report:

Test Date / Time: 7/29/2025 9:56:02 AM
Project: SCH-PZ-69I
Operator Name: EEA

Location Name: PZ-69I **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 10 ft** **Top of Screen: 98.15 ft** **Total Depth: 108.15 ft** **Initial Depth to Water: 30.6 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 103 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Sunny 89

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/29/2025 9:56 AM	00:00	6.958 pH	29.32 °C	375.8 µS/cm	5.719 mg/L	0.740 NTU	39.3 mV	30.68 ft	200.0 ml/min
7/29/2025 10:01 AM	05:00	6.603 pH	22.43 °C	491.0 µS/cm	0.157 mg/L	0.290 NTU	-1.9 mV	30.75 ft	200.0 ml/min
7/29/2025 10:06 AM	10:00	6.599 pH	21.98 °C	486.0 µS/cm	0.088 mg/L	0.320 NTU	-9.4 mV	30.75 ft	200.0 ml/min
7/29/2025 10:11 AM	15:00	6.587 pH	21.78 °C	479.5 µS/cm	0.066 mg/L	0.680 NTU	0.3 mV	30.75 ft	200.0 ml/min
7/29/2025 10:16 AM	20:00	6.574 pH	21.76 °C	475.3 µS/cm	0.054 mg/L	0.260 NTU	0.2 mV	30.75 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-69I	Sampled at 1016

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/29/2025 12:49:50 PM
Project: SCH-PZ-70
Operator Name: EEA

Location Name: PZ-70 **Latitude: 33.066256286961405** **Longitude: -83.8070378759597** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 10 ft** **Top of Screen: 62.06 ft** **Total Depth: 72.06 ft** **Initial Depth to Water: 13.8 ft**	**Pump Type: Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 65 ft** **Estimated Total Volume Pumped: 8000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Sunny 90

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/29/2025 12:49 PM	00:00	6.414 pH	33.12 °C	338.5 µS/cm	2.614 mg/L	12.40 NTU	-57.8 mV	14.10 ft	200.0 ml/min
7/29/2025 12:54 PM	05:00	6.363 pH	23.15 °C	365.1 µS/cm	1.299 mg/L	3.950 NTU	-35.2 mV	14.51 ft	200.0 ml/min
7/29/2025 12:59 PM	10:00	6.374 pH	22.52 °C	367.5 µS/cm	0.895 mg/L	3.670 NTU	-37.8 mV	14.71 ft	200.0 ml/min
7/29/2025 1:04 PM	15:00	6.380 pH	22.38 °C	365.9 µS/cm	0.630 mg/L	1.720 NTU	-69.3 mV	14.90 ft	200.0 ml/min
7/29/2025 1:09 PM	20:00	6.382 pH	22.12 °C	365.9 µS/cm	0.486 mg/L	1.790 NTU	-72.6 mV	14.95 ft	200.0 ml/min
7/29/2025 1:14 PM	25:00	6.402 pH	22.10 °C	373.3 µS/cm	0.392 mg/L	2.160 NTU	-60.8 mV	14.95 ft	200.0 ml/min
7/29/2025 1:19 PM	30:00	6.419 pH	22.22 °C	374.5 µS/cm	0.328 mg/L	1.900 NTU	-42.9 mV	14.95 ft	200.0 ml/min
7/29/2025 1:24 PM	35:00	6.423 pH	22.10 °C	374.2 µS/cm	0.271 mg/L	1.950 NTU	-30.9 mV	14.95 ft	200.0 ml/min
7/29/2025 1:29 PM	40:00	6.427 pH	22.13 °C	371.4 µS/cm	0.224 mg/L	1.760 NTU	-22.4 mV	14.95 ft	200.0 ml/min

Samples

Sample ID:	Description:

SCH-PZ-70	Sampled at 1330 with FD-4

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/29/2025 2:36:03 PM
Project: SCH-PZ-71
Operator Name: EEA

Location Name: PZ-71 **Latitude: 33.066256286961405** **Longitude: -83.8070378759597** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 10 ft** **Top of Screen: 28.12 ft** **Total Depth: 38.12 ft** **Initial Depth to Water: 17.22 ft**	**Pump Type: Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 12000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 7.3 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Sunny 100

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/29/2025 2:36 PM	00:00	5.954 pH	26.42 °C	540.6 µS/cm	2.889 mg/L	58.10 NTU	15.6 mV	17.65 ft	200.0 ml/min
7/29/2025 2:41 PM	05:00	5.965 pH	20.66 °C	551.3 µS/cm	2.724 mg/L	63.60 NTU	27.0 mV	18.95 ft	200.0 ml/min
7/29/2025 2:46 PM	10:00	5.921 pH	20.17 °C	536.4 µS/cm	2.629 mg/L	82.90 NTU	37.2 mV	20.80 ft	200.0 ml/min
7/29/2025 2:51 PM	15:00	5.861 pH	20.20 °C	517.2 µS/cm	2.512 mg/L	93.70 NTU	42.7 mV	22.60 ft	200.0 ml/min
7/29/2025 2:56 PM	20:00	5.782 pH	20.28 °C	496.7 µS/cm	2.254 mg/L	37.30 NTU	48.7 mV	23.10 ft	200.0 ml/min
7/29/2025 3:01 PM	25:00	5.719 pH	20.25 °C	488.1 µS/cm	2.086 mg/L	18.90 NTU	51.9 mV	23.60 ft	200.0 ml/min
7/29/2025 3:06 PM	30:00	5.714 pH	20.49 °C	491.0 µS/cm	1.836 mg/L	9.700 NTU	52.7 mV	24.15 ft	200.0 ml/min
7/29/2025 3:11 PM	35:00	5.707 pH	20.61 °C	491.7 µS/cm	1.553 mg/L	7.080 NTU	52.8 mV	24.52 ft	200.0 ml/min
7/29/2025 3:16 PM	40:00	5.730 pH	21.05 °C	496.4 µS/cm	1.430 mg/L	5.340 NTU	52.0 mV	24.52 ft	200.0 ml/min
7/29/2025 3:21 PM	45:00	5.704 pH	21.49 °C	493.8 µS/cm	1.271 mg/L	5.040 NTU	54.4 mV	24.52 ft	200.0 ml/min
7/29/2025 3:26 PM	50:00	5.681 pH	21.36 °C	486.7 µS/cm	1.121 mg/L	4.770 NTU	55.1 mV	24.52 ft	200.0 ml/min
7/29/2025 3:31 PM	55:00	5.669 pH	21.02 °C	492.0 µS/cm	1.032 mg/L	4.800 NTU	56.3 mV	24.52 ft	200.0 ml/min
7/29/2025 3:36 PM	01:00:00	5.654 pH	20.71 °C	492.3 µS/cm	0.970 mg/L	3.840 NTU	56.7 mV	24.52 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-71	Sampled at 1536

Low-Flow Test Report:

Test Date / Time: 7/30/2025 1:53:23 PM
Project: SCH-PZ-25I
Operator Name: J. Talaber

Location Name: SCH-PZ-25I **Latitude: 33.083748600178716** **Longitude: -83.8140809465268** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 120.9 ft** **Total Depth: 130.9 ft** **Initial Depth to Water: 51.05 ft**	**Pump Type: Bladder** **Tubing Type: Polyethylene** **Pump Intake From TOC: 100.57 ft** **Estimated Total Volume Pumped: 28578.5 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:

Weather Conditions:
Sunny, 90

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	+/- 5	Record Only	+/- 0.3	100-500
7/30/2025 1:53 PM	00:00	9.025 pH	30.20 °C	72.01 µS/cm	1.688 mg/L	5.040 NTU	63.5 mV	51.05 ft	165.0 ml/min
7/30/2025 1:58 PM	05:00	9.485 pH	27.44 °C	74.57 µS/cm	0.946 mg/L	4.320 NTU	49.1 mV	51.05 ft	165.0 ml/min
7/30/2025 2:03 PM	10:00	9.532 pH	27.52 °C	74.80 µS/cm	0.501 mg/L	4.120 NTU	33.8 mV	51.05 ft	165.0 ml/min
7/30/2025 2:08 PM	15:00	9.543 pH	27.71 °C	74.65 µS/cm	0.315 mg/L	3.950 NTU	6.6 mV	51.05 ft	165.0 ml/min
7/30/2025 2:13 PM	20:00	9.552 pH	27.44 °C	75.22 µS/cm	0.209 mg/L	3.680 NTU	10.1 mV	51.05 ft	165.0 ml/min
7/30/2025 2:18 PM	25:00	9.795 pH	28.48 °C	83.35 µS/cm	0.188 mg/L	3.610 NTU	-7.2 mV	51.05 ft	165.0 ml/min
7/30/2025 2:23 PM	30:00	10.16 pH	28.51 °C	117.4 µS/cm	0.154 mg/L	4.980 NTU	-23.7 mV	51.05 ft	165.0 ml/min
7/30/2025 2:28 PM	35:00	10.80 pH	28.24 °C	255.7 µS/cm	0.125 mg/L	6.760 NTU	-68.1 mV	51.05 ft	165.0 ml/min
7/30/2025 2:33 PM	40:00	11.03 pH	27.43 °C	339.0 µS/cm	0.101 mg/L	6.610 NTU	-74.5 mV	51.05 ft	165.0 ml/min
7/30/2025 2:38 PM	45:00	11.12 pH	25.88 °C	385.4 µS/cm	0.096 mg/L	6.600 NTU	-74.8 mV	51.05 ft	165.0 ml/min
7/30/2025 2:43 PM	50:00	11.14 pH	26.88 °C	405.2 µS/cm	0.084 mg/L	6.770 NTU	-75.1 mV	51.05 ft	165.0 ml/min
7/30/2025 2:48 PM	55:00	11.19 pH	26.51 °C	409.4 µS/cm	0.071 mg/L	6.040 NTU	-74.1 mV	51.05 ft	165.0 ml/min
7/30/2025 2:53 PM	01:00:00	11.23 pH	25.96 °C	421.9 µS/cm	0.065 mg/L	5.540 NTU	-132.7 mV	51.05 ft	165.0 ml/min

7/30/2025 2:58 PM	01:05:00	11.22 pH	26.26 °C	428.5 µS/cm	0.066 mg/L	5.540 NTU	-77.1 mV	51.05 ft	165.0 ml/min
7/30/2025 3:03 PM	01:10:00	11.23 pH	26.21 °C	430.5 µS/cm	0.061 mg/L	6.650 NTU	-77.8 mV	51.05 ft	165.0 ml/min
7/30/2025 3:09 PM	01:16:14	11.23 pH	26.35 °C	432.6 µS/cm	0.060 mg/L	6.550 NTU	-101.7 mV	51.05 ft	200.0 ml/min
7/30/2025 3:14 PM	01:21:14	11.26 pH	25.51 °C	433.7 µS/cm	0.068 mg/L	6.160 NTU	-136.4 mV	51.05 ft	200.0 ml/min
7/30/2025 3:19 PM	01:26:14	11.25 pH	25.54 °C	431.5 µS/cm	0.107 mg/L	5.780 NTU	-134.7 mV	51.05 ft	200.0 ml/min
7/30/2025 3:24 PM	01:31:14	11.27 pH	25.77 °C	441.3 µS/cm	0.090 mg/L	5.920 NTU	-76.0 mV	51.05 ft	200.0 ml/min
7/30/2025 3:29 PM	01:36:14	11.29 pH	25.53 °C	443.2 µS/cm	0.076 mg/L	5.800 NTU	-76.2 mV	51.05 ft	200.0 ml/min
7/30/2025 3:34 PM	01:41:14	11.29 pH	25.24 °C	447.2 µS/cm	0.063 mg/L	5.700 NTU	-73.6 mV	51.05 ft	200.0 ml/min
7/30/2025 3:39 PM	01:46:14	11.34 pH	24.51 °C	445.0 µS/cm	0.050 mg/L	6.150 NTU	-66.1 mV	51.05 ft	200.0 ml/min
7/30/2025 3:44 PM	01:51:14	11.32 pH	24.59 °C	453.7 µS/cm	0.054 mg/L	6.820 NTU	-130.8 mV	51.05 ft	200.0 ml/min
7/30/2025 3:49 PM	01:56:14	11.31 pH	25.28 °C	448.8 µS/cm	0.043 mg/L	6.120 NTU	-76.2 mV	51.05 ft	200.0 ml/min
7/30/2025 3:54 PM	02:01:14	11.30 pH	25.53 °C	445.0 µS/cm	0.042 mg/L	6.190 NTU	-68.4 mV	51.05 ft	200.0 ml/min
7/30/2025 3:59 PM	02:06:14	11.30 pH	25.50 °C	447.5 µS/cm	0.040 mg/L	6.230 NTU	-66.8 mV	51.05 ft	200.0 ml/min
7/30/2025 4:04 PM	02:11:14	8.791 pH	24.73 °C	198.6 µS/cm	0.124 mg/L	3.350 NTU	-38.1 mV	51.05 ft	200.0 ml/min
7/30/2025 4:09 PM	02:16:14	7.228 pH	24.31 °C	192.8 µS/cm	0.221 mg/L	1.340 NTU	-52.3 mV	51.05 ft	200.0 ml/min
7/30/2025 4:14 PM	02:21:14	6.874 pH	25.32 °C	194.8 µS/cm	0.252 mg/L	0.900 NTU	-12.7 mV	51.05 ft	200.0 ml/min
7/30/2025 4:20 PM	02:26:14	6.84 pH	25.32 °C	195.5 µS/cm	0.267 mg/L	1.140 NTU	-10.6 mV	51.05 ft	200.0 ml/min
7/30/2025 4:25 PM	02:31:14	6.81 pH	25.63 °C	193.6 µS/cm	0.267 mg/L	0.950 NTU	-8.8 mV	51.05 ft	200.0 ml/min
7/30/2025 4:30 PM	02:36:14	6.80 pH	25.87 °C	191.7 µS/cm	0.251 mg/L	0.920 NTU	-7.6 mV	51.05 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-25I	

Low-Flow Test Report:

Test Date / Time: 7/29/2025 1:29:30 PM
Project: SCH-PZ-25S
Operator Name: Brad Bryan

Location Name: SCH-PZ-25S **Latitude: 33.08367277032983** **Longitude: -83.81406736567972** **Well Diameter: 2 In** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 48.05 ft** **Total Depth: 58.05 ft** **Initial Depth to Water: 49.83 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 54 ft** **Estimated Total Volume Pumped: 18000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 1.93 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:

Weather Conditions:
Sunny 95

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	+/- 10	Record Only	+/- 0.3	100-500
7/29/2025 1:29 PM	00:00	8.376 pH	27.62 °C	44.47 µS/cm	2.506 mg/L	37.70 NTU	187.6 mV	50.57 ft	150.0 ml/min
7/29/2025 1:34 PM	05:00	5.926 pH	22.59 °C	36.98 µS/cm	1.723 mg/L	30.50 NTU	228.1 mV	50.78 ft	150.0 ml/min
7/29/2025 1:39 PM	10:00	4.969 pH	22.46 °C	36.81 µS/cm	1.677 mg/L	28.10 NTU	269.6 mV	50.87 ft	150.0 ml/min
7/29/2025 1:44 PM	15:00	4.683 pH	22.34 °C	35.63 µS/cm	1.636 mg/L	21.20 NTU	215.5 mV	51.00 ft	150.0 ml/min
7/29/2025 1:49 PM	20:00	4.605 pH	22.06 °C	35.08 µS/cm	1.606 mg/L	12.00 NTU	213.3 mV	51.11 ft	150.0 ml/min
7/29/2025 1:54 PM	25:00	4.607 pH	22.20 °C	34.97 µS/cm	1.587 mg/L	9.920 NTU	250.6 mV	51.19 ft	150.0 ml/min
7/29/2025 1:59 PM	30:00	4.599 pH	22.34 °C	34.77 µS/cm	1.585 mg/L	8.870 NTU	215.5 mV	51.26 ft	150.0 ml/min
7/29/2025 2:04 PM	35:00	4.612 pH	22.51 °C	34.87 µS/cm	1.560 mg/L	8.340 NTU	216.0 mV	51.31 ft	150.0 ml/min
7/29/2025 2:09 PM	40:00	4.639 pH	22.51 °C	35.01 µS/cm	1.559 mg/L	6.020 NTU	256.8 mV	51.37 ft	150.0 ml/min
7/29/2025 2:14 PM	45:00	4.666 pH	22.21 °C	35.41 µS/cm	1.553 mg/L	4.970 NTU	263.0 mV	51.39 ft	150.0 ml/min
7/29/2025 2:19 PM	50:00	4.681 pH	22.12 °C	35.50 µS/cm	1.533 mg/L	4.110 NTU	270.3 mV	51.44 ft	150.0 ml/min
7/29/2025 2:24 PM	55:00	4.675 pH	22.09 °C	35.33 µS/cm	1.540 mg/L	3.730 NTU	277.0 mV	51.50 ft	150.0 ml/min
7/29/2025 2:29 PM	01:00:00	4.684 pH	22.02 °C	35.31 µS/cm	1.541 mg/L	2.990 NTU	274.6 mV	51.53 ft	150.0 ml/min

7/29/2025 2:34 PM	01:05:00	4.682 pH	22.02 °C	35.37 µS/cm	1.567 mg/L	2.900 NTU	276.5 mV	51.59 ft	150.0 ml/min
7/29/2025 2:39 PM	01:10:00	4.682 pH	21.84 °C	35.03 µS/cm	1.582 mg/L	2.660 NTU	277.0 mV	51.59 ft	150.0 ml/min
7/29/2025 2:44 PM	01:15:00	4.683 pH	22.11 °C	35.16 µS/cm	1.577 mg/L	2.410 NTU	277.3 mV	51.62 ft	150.0 ml/min
7/29/2025 2:49 PM	01:20:00	4.664 pH	21.86 °C	34.74 µS/cm	1.614 mg/L	2.230 NTU	280.5 mV	51.68 ft	150.0 ml/min
7/29/2025 2:54 PM	01:25:00	4.646 pH	21.80 °C	34.46 µS/cm	1.683 mg/L	1.710 NTU	278.0 mV	51.72 ft	150.0 ml/min
7/29/2025 2:59 PM	01:30:00	4.656 pH	21.74 °C	34.32 µS/cm	1.666 mg/L	1.650 NTU	226.3 mV	51.73 ft	150.0 ml/min
7/29/2025 3:04 PM	01:35:00	4.646 pH	21.88 °C	34.13 µS/cm	1.714 mg/L	1.380 NTU	219.0 mV	51.76 ft	150.0 ml/min
7/29/2025 3:09 PM	01:40:00	4.648 pH	22.18 °C	34.10 µS/cm	1.787 mg/L	1.220 NTU	254.8 mV	51.76 ft	150.0 ml/min
7/29/2025 3:14 PM	01:45:00	4.626 pH	22.09 °C	33.97 µS/cm	1.789 mg/L	1.150 NTU	259.2 mV	51.76 ft	150.0 ml/min
7/29/2025 3:20 PM	01:50:00	4.632 pH	21.79 °C	33.74 µS/cm	1.812 mg/L	1.130 NTU	259.2 mV	51.76 ft	150.0 ml/min
7/29/2025 3:25 PM	01:55:00	4.647 pH	21.74 °C	33.48 µS/cm	1.842 mg/L	0.860 NTU	257.1 mV	51.76 ft	150.0 ml/min
7/29/2025 3:30 PM	02:00:00	4.631 pH	21.68 °C	33.21 µS/cm	1.931 mg/L	0.860 NTU	255.5 mV	51.76 ft	150.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-25S	Sampled at 1530

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APPENDIX A

Field Data Forms
September 2025

Low-Flow Test Report:

Test Date / Time: 9/9/2025 12:30:47 PM
Project: Plant Scherer (4)
Operator Name: L. Duong

Location Name: SCH-PZ-70 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 62.06 ft** **Total Depth: 72.06 ft** **Initial Depth to Water: 14.34 ft**	**Pump Type: Bladder Pump** **Tubing Type: LDPE** **Pump Intake From TOC: 67 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.04 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes: Reading times 5 minutes off purge forms TLJ

Weather Conditions:
Sunny 76F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 10%	+/- 5 %	+/- 10 %	+/- 5	+/- 10 %	+/- 0.3	
9/9/2025 12:30 PM	00:00	6.358 pH	20.99 °C	377.9 µS/cm	1.403 mg/L	5.100 NTU	-76.6 mV	14.96 ft	200.0 ml/min
9/9/2025 12:35 PM	05:00	6.339 pH	20.35 °C	382.0 µS/cm	0.580 mg/L	4.240 NTU	14.2 mV	15.06 ft	200.0 ml/min
9/9/2025 12:40 PM	10:00	6.338 pH	20.26 °C	382.3 µS/cm	0.363 mg/L	1.610 NTU	35.5 mV	15.28 ft	200.0 ml/min
9/9/2025 12:45 PM	15:00	6.339 pH	20.05 °C	380.3 µS/cm	0.254 mg/L	0.850 NTU	44.6 mV	15.36 ft	200.0 ml/min
9/9/2025 12:50 PM	20:00	6.340 pH	20.00 °C	380.8 µS/cm	0.197 mg/L	0.730 NTU	62.3 mV	15.38 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/9/2025 10:42:18 AM
Project: Plant Scherer (3)
Operator Name: L. Duong

Location Name: SCH-PZ-71 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28.12 ft** **Total Depth: 38.12 ft** **Initial Depth to Water: 17.96 ft**	**Pump Type: Bladder Pump** **Tubing Type: LDPE** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 11000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 160 ml/min** **Final Draw Down: 3.23 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:

Weather Conditions:
Sunny 62F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 10%	+/- 5 %	+/- 10 %	+/- 5	+/- 10%	+/- 0.3	
9/9/2025 10:42 AM	00:00	5.434 pH	19.04 °C	528.2 µS/cm	1.848 mg/L	105.0 NTU	-15.7 mV	18.48 ft	200.0 ml/min
9/9/2025 10:47 AM	05:00	5.461 pH	18.64 °C	542.2 µS/cm	1.200 mg/L	101.0 NTU	25.5 mV	19.89 ft	200.0 ml/min
9/9/2025 10:52 AM	10:00	5.479 pH	18.62 °C	539.5 µS/cm	0.656 mg/L	69.50 NTU	42.6 mV	20.11 ft	200.0 ml/min
9/9/2025 10:57 AM	15:00	5.509 pH	18.58 °C	542.3 µS/cm	0.420 mg/L	27.50 NTU	46.2 mV	21.02 ft	200.0 ml/min
9/9/2025 11:02 AM	20:00	5.548 pH	18.61 °C	532.5 µS/cm	0.373 mg/L	21.30 NTU	47.5 mV	21.31 ft	200.0 ml/min
9/9/2025 11:07 AM	25:00	5.608 pH	18.62 °C	532.2 µS/cm	0.295 mg/L	15.20 NTU	33.9 mV	21.64 ft	200.0 ml/min
9/9/2025 11:12 AM	30:00	5.622 pH	18.47 °C	523.7 µS/cm	0.248 mg/L	12.10 NTU	32.0 mV	22.06 ft	200.0 ml/min
9/9/2025 11:17 AM	35:00	5.674 pH	18.70 °C	528.6 µS/cm	0.211 mg/L	9.450 NTU	36.2 mV	22.02 ft	160.0 ml/min
9/9/2025 11:22 AM	40:00	5.751 pH	19.13 °C	536.5 µS/cm	0.193 mg/L	7.930 NTU	24.8 mV	21.58 ft	160.0 ml/min
9/9/2025 11:27 AM	45:00	5.781 pH	19.39 °C	533.3 µS/cm	0.175 mg/L	6.710 NTU	24.7 mV	21.58 ft	160.0 ml/min
9/9/2025 11:32 AM	50:00	5.782 pH	19.42 °C	524.4 µS/cm	0.167 mg/L	6.290 NTU	25.7 mV	21.24 ft	160.0 ml/min
9/9/2025 11:37 AM	55:00	5.771 pH	19.50 °C	523.5 µS/cm	0.155 mg/L	6.180 NTU	28.0 mV	21.19 ft	160.0 ml/min
9/9/2025 11:42 AM	01:00:00	5.768 pH	19.67 °C	522.9 µS/cm	0.140 mg/L	5.250 NTU	34.3 mV	21.19 ft	160.0 ml/min

Samples

Sample ID:	Description:

APPENDIX A

Field Data Forms
October 2025

Low-Flow Test Report:

Test Date / Time: 10/8/2025 4:40:17 PM
Project: Low-Flow Test 47 (3)
Operator Name: Tom Keller

Location Name: SCH-PZ-29S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.9 ft** **Total Depth: 48.9 ft** **Initial Depth to Water: 32.92 ft**	**Pump Type: QED Bladder pump** **Tubing Type: LDPE** **Pump Intake From TOC: 44 ft** **Estimated Total Volume Pumped: 8000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.88 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1149710**

Test Notes:

Weather Conditions:
Partly lousy periods of rain

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
10/8/2025 4:40 PM	00:00	6.257 pH	21.43 °C	321.6 µS/cm	0.806 mg/L		71.0 mV		200.0 ml/min
10/8/2025 4:45 PM	05:00	6.267 pH	20.41 °C	320.3 µS/cm	0.822 mg/L		122.3 mV		200.0 ml/min
10/8/2025 4:50 PM	10:00	6.240 pH	19.80 °C	319.7 µS/cm	0.748 mg/L	7.540 NTU	131.0 mV	33.83 ft	200.0 ml/min
10/8/2025 4:55 PM	15:00	6.251 pH	19.64 °C	315.2 µS/cm	0.699 mg/L	5.840 NTU	136.2 mV	33.80 ft	200.0 ml/min
10/8/2025 5:00 PM	20:00	6.254 pH	19.39 °C	313.1 µS/cm	0.611 mg/L	6.610 NTU	114.4 mV	33.80 ft	200.0 ml/min
10/8/2025 5:05 PM	25:00	6.244 pH	19.37 °C	309.6 µS/cm	0.363 mg/L	4.760 NTU	134.9 mV	33.80 ft	200.0 ml/min
10/8/2025 5:10 PM	30:00	6.236 pH	19.19 °C	306.9 µS/cm	0.255 mg/L	4.340 NTU	115.7 mV	33.80 ft	200.0 ml/min
10/8/2025 5:15 PM	35:00	6.232 pH	19.19 °C	304.5 µS/cm	0.204 mg/L	4.270 NTU	141.0 mV	33.80 ft	200.0 ml/min
10/8/2025 5:20 PM	40:00	6.226 pH	19.11 °C	302.7 µS/cm	0.174 mg/L	4.030 NTU	118.2 mV	33.80 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-29S,	Collect at 17 :25 Collect Field blank at 17:30

Low-Flow Test Report:

Test Date / Time: 10/8/2025 9:55:46 AM
Project: Low-Flow Test 47 (2)
Operator Name: Tom Keller

Location Name: SCH-PZ-30I **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 79.07 ft** **Total Depth: 89.07 ft** **Initial Depth to Water: 32.63 ft**	**Pump Type: QED bladder pump** **Tubing Type: LDPE** **Pump Intake From TOC: 86 ft** **Estimated Total Volume Pumped: 21250 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2.22 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1149710**

Test Notes:

Weather Conditions:
Overcast

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
10/8/2025 9:55 AM	00:00	7.253 pH	21.66 °C	277.9 µS/cm	5.104 mg/L		164.9 mV	994.6 ft	250.0 ml/min
10/8/2025 10:00 AM	05:00	6.787 pH	19.03 °C	258.1 µS/cm	1.183 mg/L	30.60 NTU	122.0 mV	34.50 ft	200.0 ml/min
10/8/2025 10:05 AM	10:00	6.706 pH	18.88 °C	254.9 µS/cm	1.471 mg/L	28.90 NTU	100.8 mV	34.60 ft	200.0 ml/min
10/8/2025 10:10 AM	15:00	6.668 pH	18.84 °C	254.1 µS/cm	1.657 mg/L	25.00 NTU	126.5 mV	34.70 ft	200.0 ml/min
10/8/2025 10:15 AM	20:00	6.640 pH	18.89 °C	249.1 µS/cm	1.598 mg/L	28.70 NTU	155.1 mV	34.80 ft	200.0 ml/min
10/8/2025 10:20 AM	25:00	6.604 pH	18.86 °C	245.4 µS/cm	1.698 mg/L	22.80 NTU	190.0 mV	34.80 ft	200.0 ml/min
10/8/2025 10:25 AM	30:00	6.586 pH	18.92 °C	242.4 µS/cm	1.648 mg/L	19.00 NTU	165.6 mV	34.81 ft	200.0 ml/min
10/8/2025 10:30 AM	35:00	6.581 pH	18.93 °C	240.7 µS/cm	1.690 mg/L	15.90 NTU	240.6 mV	34.82 ft	200.0 ml/min
10/8/2025 10:35 AM	40:00	6.575 pH	18.97 °C	239.0 µS/cm	1.741 mg/L	13.10 NTU	271.8 mV	34.84 ft	200.0 ml/min
10/8/2025 10:40 AM	45:00	6.569 pH	19.05 °C	237.7 µS/cm	1.732 mg/L	13.00 NTU	296.5 mV	34.85 ft	200.0 ml/min
10/8/2025 10:45 AM	50:00	6.561 pH	19.01 °C	235.7 µS/cm	1.661 mg/L	11.60 NTU	318.1 mV	34.85 ft	200.0 ml/min
10/8/2025 10:50 AM	55:00	6.557 pH	19.03 °C	234.8 µS/cm	1.655 mg/L	10.30 NTU	336.5 mV	34.85 ft	200.0 ml/min
10/8/2025 10:55 AM	01:00:00	6.554 pH	19.06 °C	234.1 µS/cm	1.681 mg/L	9.150 NTU	353.8 mV	34.85 ft	200.0 ml/min

10/8/2025 11:00 AM	01:05:00	6.557 pH	19.15 °C	233.6 µS/cm	1.689 mg/L	8.890 NTU	369.9 mV	34.85 ft	200.0 ml/min
10/8/2025 11:05 AM	01:10:00	6.548 pH	19.19 °C	232.4 µS/cm	1.686 mg/L	8.260 NTU	386.1 mV	34.85 ft	200.0 ml/min
10/8/2025 11:10 AM	01:15:00	6.550 pH	19.15 °C	231.4 µS/cm	1.620 mg/L	7.710 NTU	400.9 mV	34.85 ft	200.0 ml/min
10/8/2025 11:15 AM	01:20:00	6.545 pH	19.26 °C	229.8 µS/cm	1.567 mg/L	6.690 NTU	415.3 mV	34.85 ft	200.0 ml/min
10/8/2025 11:20 AM	01:25:00	6.542 pH	19.31 °C	229.2 µS/cm	1.516 mg/L	6.690 NTU	301.6 mV	34.85 ft	200.0 ml/min
10/8/2025 11:25 AM	01:30:00	6.543 pH	19.35 °C	228.6 µS/cm	1.480 mg/L	6.320 NTU	313.6 mV	34.84 ft	200.0 ml/min
10/8/2025 11:30 AM	01:35:00	6.538 pH	19.46 °C	228.1 µS/cm	1.399 mg/L	5.050 NTU	429.3 mV	34.84 ft	200.0 ml/min
10/8/2025 11:35 AM	01:40:00	6.536 pH	19.39 °C	227.3 µS/cm	1.340 mg/L	5.040 NTU	452.6 mV	34.84 ft	200.0 ml/min
10/8/2025 11:40 AM	01:45:00	6.536 pH	19.39 °C	226.2 µS/cm	1.329 mg/L	4.880 NTU	465.8 mV	34.84 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-30I, SCH-AP1-FD-01	Sample and dulplicate collected at 11:45

Created using VuSitu from In-Situ, Inc.

APPENDIX A

Instrument Calibration Records
February 2025

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/17/25

Calibrated By: Daniel Howard

Field Conditions: clear + cold

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

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

Did not use Aquatroll today

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

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

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

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

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/19/25

Calibrated By: Daniel Howard

Field Conditions: Raining Overcast

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

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

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

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

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

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

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/20/25

Calibrated By: Daniel Howard

Field Conditions: Partly sunny & Cold

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

Calibration Standard Information

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

Calibration

Time Start 0515 Time Finish

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

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

Calibration Check

Time Start 1620 Time Finish 1640

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

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

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/21/25

Calibrated By: Daniel Howard

Field Conditions: _____

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

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

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

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

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

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

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/26/25

Calibrated By: EEA

Field Conditions: Sunny

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

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

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

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

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

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

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/25/25

Calibrated By: SSA

Field Conditions: Sunny

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

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

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

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

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

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

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/24/25

Calibrated By: EA

Field Conditions: Sunny

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

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

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

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

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

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

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/12/25

Calibrated By: ESA

Field Conditions: Sunny

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

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

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

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

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

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

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/19/25

Calibrated By: EEA

Field Conditions: Cloudy

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

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

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

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

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

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

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/20/25

Calibrated By: EEA

Field Conditions: sunny

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

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

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

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

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

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

Notes:

Site Name: SCHERER

Field Instrumentation Calibration Form

Date: 2/24/25

Calibrated By: M. MANN

Field Conditions: GOOD

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

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

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

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

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

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

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2-1725 09:44

Calibrated By: T. PARKER

Field Conditions: Clear Sunny. 35°F

Finish CAL @ 10:15

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

Calibration Standard Information

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

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

Calibration

Time Start: ____ Time Finish: ____

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

Offset: 5.4mV Therm: 246.2mV

SC offset = 0.00 µS/cm Cell const = 1.037

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

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

Calibration Check

Time Start: ____ Time Finish: ____

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

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

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

Site Name: GP- Scherer

Field Instrumentation Calibration Form

Calibrated By: T. PARKER

Date: 2-19-2025 (wetnes day)

Field Conditions: overcast, rain 40°F

ST 05:27
Finish: 05:57

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

Calibration Standard Information

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

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

Calibration

Time Start: Time Finish:

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

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

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

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

Calibration Check

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

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

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

Notes: For GW Sampling on 2-19-2025

Field Instrumentation Calibration Form

Site Name: GD-Scherer

Date: 2-20-2025

Calibrated By: T. PARKER

Field Conditions: Overcast 7. Cal in Hotel Room

CAL START: 05:40

CAL Finish: 06:10

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

Calibration Standard Information

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

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

Calibration

Time Start — Time Finish

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

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

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

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

Calibration Check

Time Start 18:50 — Time Finish 19:05

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

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

Notes:

For GW Sampling on 2-20-2025

Site Name: CP-Scherer

Calibrated By: T. PARKER

Field Instrumentation Calibration Form

Friday
Date: 2-21-25

Field Conditions: Partly cloudy, 24°F

ST: 05:14
FINISH: 05:50

Cal in Hotel Room

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

Calibration Standard Information

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

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

Calibration

Time Start _____ Time Finish _____

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

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

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

DO Theory: 9.45mg/L

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

Calibration Check

Time Start 11:25 Time Finish 11:45

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

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

JDO 2-21-25

Notes:

USED Air GW Sampling. SGWC-23.

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: MONDAY 2-24-25

Calibrated By: T. BARKER

Field Conditions: OVERCAST, 50°F

Begin: 10:03

Finish 10:36

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

Calibration Standard Information

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

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

Calibration

Time Start: Time Finish:

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

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

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

ORP OFFSET: 14.0 MV

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

Calibration Check

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

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

105%R ✓ 101%R ✓ 101%R ✓

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

Notes: USED FOR GW SAMPLING

Site Name: GP-Scherer

Field Instrumentation Calibration Form

Date: Tuesday 2-25-25

Calibrated By: T. PARKER

Field Conditions: Clear, sunny, 68°F

START: 05:20
FINISH: 05:45

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

Calibration Standard Information

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

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

Calibration

Time Start: Time Finish:

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

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

OFFSET = 13.3 mV @ 21.32°C

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

Theory = 8.63 mg/L @ 22.03°C

BA20 = 1,000.6 mbar

Calibration Check

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

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

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

AP 2-25-25

Notes:

Used for GW Sampling

Site Name: GP-Scherer

Field Instrumentation Calibration Form

Wednesday

Date: 2-26-25

Calibrated By: T. Parker

Field Conditions: Clear, Sunny, 30's

START: 05:26
Finish: 05:54

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

Calibration Standard Information

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

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

Calibration

Time Start: Time Finish:

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

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

offset = 14.9m

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

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

Calibration Check

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

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

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

START: 15:14 Finish 15:18

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

Notes: Used for GW Sampling

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/18/25

Calibrated By: DCB

Field Conditions: rainy 40 °F

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

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

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

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

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

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

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/20/25

Calibrated By: DCB

Field Conditions: Cloudy 45° F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter		
Turbidity Meter		

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

Calibration

Time Start 0956 **Time Finish**

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

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

Calibration Check

Time Start **Time Finish**

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

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

Notes:

Site Name: SCherer

Field Instrumentation Calibration Form

Date: 2/19/25

Calibrated By: JS

Field Conditions: Rainy

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

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

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

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

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

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

Notes:

APPENDIX A

Instrument Calibration Records
July 2025

Field Instrumentation Calibration Form

Site Name: SCS Plant Scherer

Date: 7/31/25

Field Conditions: sunny 75°F

Calibrated By: LMD

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

Calibration Standard Information

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

Calibration

Time Start: Time Finish:

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

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

Calibration Check

Time Start: Time Finish:

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

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

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 07/31/25

Calibrated By: JCT

Field Conditions: Sunny

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

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

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4783	22.92	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	22.93	± 0.1	GWMP
pH (SU)	7.00	6.95	22.89	± 0.1	GWMP
pH (SU)	10.00	10.03	22.60	± 0.1	GWMP
D.O. (%)	N/A	104.5	22.74	± 10%	NA
ORP (mV)	228.0	232.0	22.73	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.45	± 10% of standard	EPA 2023
	20	21.0		
	100	102		
	800	801		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4504	26.1	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01		± 0.1	GWMP
pH (SU)	7.00	7.11		± 0.1	GWMP
pH (SU)	10.00	10.03		± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21	± 10% of standard	EPA 2023
	100	101		
	800	801		
	10	9.99		

Notes: Finished @ 1115

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/31/25

Calibrated By:

Field Conditions:

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll	1127603
Turbidity Meter	HACH	231100000009

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	AIR
pH (SU)	4.00	1	1	1
pH (SU)	7.00	24014266	01/2026	1
pH (SU)	10.00	24011597	1	1
D O (%)	N/A	1	1	1
ORP (mV)	228.0	22490162	1	1

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4376	23.76	± 10% of standard	EPA 2023
pH (SU)	4.00	4.0	23.80	± 0.1	GWMP
pH (SU)	7.00	7.0	23.87	± 0.1	GWMP
pH (SU)	10.00	10.0	23.89	± 0.1	GWMP
D O (%)	N/A	102.3	22.19	± 10%	NA
ORP (mV)	228.0	230.2	23.89	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.9	± 10% of standard	EPA 2023
	100	100		
	800	802		
	10	9.50		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4434	25.61	± 10% of standard	EPA 2023
pH (SU)	4.00	4.11	1	± 0.1	GWMP
pH (SU)	7.00	7.05	1	± 0.1	GWMP
pH (SU)	10.00	10.12	1	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.9	± 10% of standard	EPA 2023
	100	103		
	800	807		
	10	9.99		

Notes:

07/30/25

Site Name Plant Scherer

Field Instrumentation Calibration Form

Date ~~07/30/25~~

Field Conditions:

Calibrated By: JCT

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 200	1080293
Turbidity Meter	HACH 2100Q	23100D000368

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	↑	01/2026	Air
pH (SU)	4.00	24014218		
pH (SU)	7.00	24014266		
pH (SU)	10.00	24011537		
D.O. (%)	N/A			
ORP (mV)	228.0	24901162	↓	↓

Calibration

Time Start: 19 Time Finish: 25

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4779	23.12	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	23.14	± 0.1	GWMP
pH (SU)	7.00	6.96	23.17	± 0.1	GWMP
pH (SU)	10.00	9.95	23.16	± 0.1	GWMP
D.O. (%)	N/A	98.48	22.91	± 10%	NA
ORP (mV)	228.0	231.6	23.10	± 10	EPA 2023

FB-4

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.49	± 10% of standard	EPA 2023
	20	20.8		
	100	101		
	800	814		

Calibration Check

Time Start: Time Finish:

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4771	26.12	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02		± 0.1	GWMP
pH (SU)	7.00	6.92		± 0.1	GWMP
pH (SU)	10.00	10.11		± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.2	± 10% of standard	EPA 2023
	100	107		
	800	791		
	10	10.0		

Notes:

Site Name: SCS Plant Scherer **Field Instrumentation Calibration Form**

Date: 7/30/2025

Calibrated By: LND

Field Conditions: Sunny but cloudy 86°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread AP-2000	1080300
Turbidity Meter	HACH 2100Q	150350C0393700

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	YSI
pH (SU)	4.00	24014318	01/2026	
pH (SU)	7.00	24014266	01/2026	
pH (SU)	10.00	24011537	01/2026	
D O (%)	N/A	—	—	
ORP (mV)	228.0	22490162	01/2026	

Calibration

Time Start: Time Finish:

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4464	22.18	± 10% of standard	EPA 2023
pH (SU)	4.00	4.046	22.16	± 0.1	GWMP
pH (SU)	7.00	7.056	21.99	± 0.1	GWMP
pH (SU)	10.00	10.17	21.82	± 0.1	GWMP
D O (%)	N/A	99.5% / 8.49 mg/L	22.15	± 10%	NA
ORP (mV)	228.0	224	21.79	± 10	EPA 2023

Lot #	Exp	Standard	Calibration Value	Acceptance Criteria	Reference
A4276	01/26	10	9.51	± 10% of standard	EPA 2023
A4276	01/26	20	20.9		
A4275	01/26	100	101		
A4275	01/26	800	814		

Turbidity (NTU)

Calibration Check

Time Start: Time Finish:

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4819	25.11	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01		± 0.1	GWMP
pH (SU)	7.00	7.06		± 0.1	GWMP
pH (SU)	10.00	10.01		± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.9	± 10% of standard	EPA 2023
	100	99.9		
	800	796		
	10	10.1		

Notes:

Site Name: SCH

Field Instrumentation Calibration Form

Date: 7.29.25

Calibrated By:

Field Conditions: 77 Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	1080300	Aquaread
Turbidity Meter	15030C039370	Hach

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

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4505	22.72	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	22.67	± 0.1	GWMP
pH (SU)	7.00	7.08	22.29	± 0.1	GWMP
pH (SU)	10.00	10.07	22.04	± 0.1	GWMP
D.O. (%)	N/A	100.1 %	22.71	± 10%	NA
ORP (mV)	228.0	226.7	21.99	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	14.0	± 10% of standard	EPA 2023
	100	96.6		
	800	795		
	10	10.2		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4491	25.11	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01		± 0.1	GWMP
pH (SU)	7.00	7.01		± 0.1	GWMP
pH (SU)	10.00	10.01		± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21	± 10% of standard	EPA 2023
	100	103		
	800	801		
	10	10.1		

Notes:

PZ-39S Ex Rad.

PZ-40I EB-3

PZ-41S

PZ-42I FB-3

Site Name: Plant Scherer **Field Instrumentation Calibration Form** Date: 07/28/25

Calibrated By: Field Conditions:

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua troll	177603
Turbidity Meter	Hach	231100000009

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	A)R
pH (SU)	4.00			
pH (SU)	7.00	24014266	01/2026	
pH (SU)	10.00	24011537	01/2026	
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/2026	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4496	22.86	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	22.95	± 0.1	GWMP
pH (SU)	7.00	7.00	23.13	± 0.1	GWMP
pH (SU)	10.00	10.00	23.31	± 0.1	GWMP
D.O. (%)	N/A	95.00	23.32	± 10%	NA
ORP (mV)	228.0	231.4	23.20	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.1	± 10% of standard	EPA 2023
	100	100		
	800	800		
	10	9.27		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4474	34.27	± 10% of standard	EPA 2023
pH (SU)	4.00	4.021	34.27	± 0.1	GWMP
pH (SU)	7.00	6.965	33.99	± 0.1	GWMP
pH (SU)	10.00	9.935	34.02	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.49	± 10% of standard	EPA 2023
	20	20.3		
	100	99.2		
	806	791		

Notes:

Site Name: MCD

Field Instrumentation Calibration Form

Date: 7.28.25

Calibrated By: Z. West

Field Conditions: 84 cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	aquaread	1080300
Turbidity Meter	Hach	15050C039370

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	240142 18	01/2026	AIR
pH (SU)	4.00	↓	↓	↓
pH (SU)	7.00	24014266	01/2026	AIR
pH (SU)	10.00	24011927	01/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24901 62	01/2026	AIR

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4393	24.60	± 10% of standard	EPA 2023
pH (SU)	4.00	4.07	24.46	± 0.1	GWMP
pH (SU)	7.00	7.07	23.84	± 0.1	GWMP
pH (SU)	10.00	10.08	23.96	± 0.1	GWMP
D.O. (%)	N/A	101.8	23.74	± 10%	NA
ORP (mV)	228.0	228.6	23.28	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.7	± 10% of standard	EPA 2023
	100	99.4		
	800	791		
	10	10		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4652	25.55	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	25.21	± 0.1	GWMP
pH (SU)	7.00	7.01	25.47	± 0.1	GWMP
pH (SU)	10.00	10.01	25.88	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.3	± 10% of standard	EPA 2023
	100	97		
	800	792		
	10	9.99		

Notes:

BGWA - 21, 22, 29, 45

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 07/28/25

Calibrated By:

Field Conditions:

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 400	1080293
Turbidity Meter	HACH 2100Q	231000000 3008

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490		01/2026	Air
pH (SU)	4.00	24014218	01/2026	Air
pH (SU)	7.00	24014206	↓	↓
pH (SU)	10.00	24011537		
D.O. (%)	N/A			
ORP (mV)	228.0	22490102	01/2026	Air

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4489	22.57	± 10% of standard	EPA 2023
pH (SU)	4.00	4.10	22.58	± 0.1	GWMP
pH (SU)	7.00	7.08	22.54	± 0.1	GWMP
pH (SU)	10.00	10.03	22.54	± 0.1	GWMP
D.O. (%)	N/A	99.31	22.600	± 10%	NA
ORP (mV)	228.0	229.5	22.51	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.68	± 10% of standard	EPA 2023
	20	21.5		
	100	97.1		
	800	803		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4521	25.13	± 10% of standard	EPA 2023
pH (SU)	4.00	3.94	25.21	± 0.1	GWMP
pH (SU)	7.00	6.94	25.53	± 0.1	GWMP
pH (SU)	10.00	4.99	25.75	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	2	2.1	± 10% of standard	EPA 2023
	10	9.8		
	80	77.9		
	40	40.03		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/28/25

Field Conditions: Sunny 85°F

Calibrated By:

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Pondhoh	1080306
Turbidity Meter	HACH	150400C009490

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	240818	1/2026	AIR
pH (SU)	4.00	"	"	↓
pH (SU)	7.00	240142606	1/2026	
pH (SU)	10.00	240111537	1/2026	
D.O. (%)	N/A			
ORP (mV)	228.0	2240901G2	1/2026	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4358	22.24	± 10% of standard	EPA 2023
pH (SU)	4.00	4.035	22.75	± 0.1	GWMP
pH (SU)	7.00	7.016	22.74	± 0.1	GWMP
pH (SU)	10.00	10.08	22.16	± 0.1	GWMP
D.O. (%)	N/A			± 10%	NA
ORP (mV)	228.0	231.1	22.34	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.61	± 10% of standard	EPA 2023
	20	19.1		
	100	99.2		
	800	793		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4211	25.11	± 10% of standard	EPA 2023
pH (SU)	4.00	4.11	25.62	± 0.1	GWMP
pH (SU)	7.00	7.06	25.71	± 0.1	GWMP
pH (SU)	10.00	10.13	25.87	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.6	± 10% of standard	EPA 2023
	100	98.2		
	800	801		
	10	10.03		

Notes:

Site Name: SCS Plant McDonough

Field Instrumentation Calibration Form

Date: 7/25/25

Calibrated By: LMD

Field Conditions: clear 74°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread AP-2000	1167968
Turbidity Meter	HACH 2100Q	22090D000239

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/26	YSI
pH (SU)	4.00	24014218	01/26	
pH (SU)	7.00	24014204	01/26	
pH (SU)	10.00	24011537	01/26	
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/26	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4445	26.93	± 10% of standard	EPA 2023
pH (SU)	4.00	4.001	27.29	± 0.1	GWMP
pH (SU)	7.00	7.006	27.40	± 0.1	GWMP
pH (SU)	10.00	9.994	27.44	± 0.1	GWMP
D.O. (%)	N/A	100.1%	8.071 mg/L 25.84	± 10%	NA
ORP (mV)	228.0	225.9	27.29	± 10	EPA 2023

Lot #
A4247
A4257
A4248
A4257

	Standard	Calibration Value	Acceptance Criteria	Reference
EXP: 12/25 Turbidity (NTU) 12/25 12/25	10	9.58	± 10% of standard	EPA 2023
	20	20.3		
	100	102		
	800	802		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4603	25.11	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	26.26	± 0.1	GWMP
pH (SU)	7.00	7.06	27.11	± 0.1	GWMP
pH (SU)	10.00	10.10	25.62	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21	± 10% of standard	EPA 2023
	100	102		
	800	801		
	10	9.96		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 07/25/25 (25, 28, 24)

Calibrated By: JCT

Field Conditions: _____

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	InSitu Aqua	1080293
Turbidity Meter	HACH 2100Q	23100000368

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490			
pH (SU)	4.00	24014218	01/2026	Air
pH (SU)	7.00	24014266	↓	Air
pH (SU)	10.00	24011537	↓	Air
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/2026	Air

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4247	22.80	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	22.99	± 0.1	GWMP
pH (SU)	7.00	7.01	22.89	± 0.1	GWMP
pH (SU)	10.00	10.11	22.98	± 0.1	GWMP
D.O. (%)	N/A	102.3	22.94	± 10%	NA
ORP (mV)	228.0	227.6	~~22.95~~ JCT 22.95	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.0	± 10% of standard	EPA 2023
	20	19.3		
	100	102		
	800	792		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4392	25.61	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	26.37	± 0.1	GWMP
pH (SU)	7.00	7.01	26.19	± 0.1	GWMP
pH (SU)	10.00	10.02	25.92	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21	± 10% of standard	EPA 2023
	100	101		
	800	798		
	10	9.89		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/25/25

Calibrated By:

Field Conditions: Sunny 90°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll	100326
Turbidity Meter	HACH	1840C049490

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24G19218	1/2026	AIR
pH (SU)	4.00	" "	" "	↓
pH (SU)	7.00	24G14266	1/2026	
pH (SU)	10.00	24G11537	1/2026	
D O (%)	N/A			
ORP (mV)	228.0	2249d62	1/2026	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4506	22.71	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	22.7	± 0.1	GWMP
pH (SU)	7.00	7.070	22.61	± 0.1	GWMP
pH (SU)	10.00	10.09	22.55	± 0.1	GWMP
D O (%)	N/A	105%	22.85	± 10%	NA
ORP (mV)	228.0	231.4	22.90	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.5	± 10% of standard	EPA 2023
	20	18.3		
	100	96.1		
	800	804		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4556	25.11	± 10% of standard	EPA 2023
pH (SU)	4.00	4.04	25.62	± 0.1	GWMP
pH (SU)	7.00	7.06	25.81	± 0.1	GWMP
pH (SU)	10.00	10.03	25.94	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.6	± 10% of standard	EPA 2023
	100	98.1		
	800	796		
	10	9.96		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/25/25

Calibrated By: Daniel Howard

Field Conditions: Partly Sunny + Foggy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Insitu	AquaTroll 11 70046
Turbidity Meter	Hach 2100 Q	~~11100470~~ 23060D000342

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	1/26	Atl Instruk
pH (SU)	4.00	24014218	1/26	↓
pH (SU)	7.00	24014266	1/26	↓
pH (SU)	10.00	24011537	1/26	↓
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	1/26	Atl Instruk

Calibration					
Time Start 0515		Time Finish 0540			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	23.74	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	23.35	± 0.1	GWMP
pH (SU)	7.00	7.00	24.26	± 0.1	GWMP
pH (SU)	10.00	10.00	24.60	± 0.1	GWMP
D O (%)	Before N/A 8.4mg/L	8.167	23.63	± 10%	NA
ORP (mV)	228.0	229.4	24.71	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.3	± 10% of standard	EPA 2023
	100	99.7		
	800	800		
	CK 10	10.3		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4291	25.61	± 10% of standard	EPA 2023
pH (SU)	4.00	3.93	25.69	± 0.1	GWMP
pH (SU)	7.00	7.08	26.11	± 0.1	GWMP
pH (SU)	10.00	10.06	26.18	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.9	± 10% of standard	EPA 2023
	100	101		
	800	830		
	10	10.1		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/24/25

Calibrated By:

Field Conditions: Sunny 85°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll	1080306
Turbidity Meter	Hach	1304060404490

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	Air
pH (SU)	4.00	" "	01/2026	
pH (SU)	7.00	24014266	01/2026	
pH (SU)	10.00	24011537	01/2626	
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/2026	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	22.33	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	22.21	± 0.1	GWMP
pH (SU)	7.00	7.02	22.31	± 0.1	GWMP
pH (SU)	10.00	10.05	22.28	± 0.1	GWMP
D.O. (%)	N/A	100	25.87	± 10%	NA
ORP (mV)	228.0	230.8	22.29	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.1	± 10% of standard	EPA 2023
	20	22.8		
	100	105		
	800	797		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4707	26.16	± 10% of standard	EPA 2023
pH (SU)	4.00	4.029	26.2	± 0.1	GWMP
pH (SU)	7.00	7.014	24.27	± 0.1	GWMP
pH (SU)	10.00	10.05	24.09	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.5	± 10% of standard	EPA 2023
	20	23.1		
	100	102		
	800	819		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 07/24/25

Calibrated By: JCT

Field Conditions: _____

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	1080300
Turbidity Meter	HACH 2100Q	15030C39370

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490		01/2026	
pH (SU)	4.00	24014218	01/2026	Air
pH (SU)	7.00	24014266	01/2026	Air
pH (SU)	10.00	24011637	01/2026	Air
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/2026	Air

Calibration

Time Start: _____ Time Finish: _____

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4545	25.85	± 10% of standard	EPA 2023
pH (SU)	4.00	4.04	26.05	± 0.1	GWMP
pH (SU)	7.00	7.02	26.42	± 0.1	GWMP
pH (SU)	10.00	10.06	26.57	± 0.1	GWMP
D.O. (%)	N/A	102.0	23.81	± 10%	NA
ORP (mV)	228.0	222.5	25.87	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	~~9.85~~ ~~10.2~~ 9.94	± 10% of standard	EPA 2023
	20	~~20.3~~ 19.1		
	100	96.16		
	800	788		

Calibration Check

Time Start: _____ Time Finish: _____

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	5000	25.66	± 10% of standard	EPA 2023
pH (SU)	4.00	4.4	26.17	± 0.1	GWMP
pH (SU)	7.00	7.02	26.66	± 0.1	GWMP
pH (SU)	10.00	10.07	26.17	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.9	± 10% of standard	EPA 2023
	100	99.6		
	800	786		
	10	9.41		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 07/24/25

Calibrated By: _____

Field Conditions: _____

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter		
Turbidity Meter	~~HACH~~ HACH	231100000009

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014716	01/2026	AIR
pH (SU)	4.00	24014218 VB	01/2026	AIR
pH (SU)	7.00	~~2249016?~~ VB	01/2026	AIR
pH (SU)	10.00	24011557	01/2026	AIR
D O (%)	N/A			
ORP (mV)	228.0	22490162	01/2026	AIR

lot # = 24014266

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4285	24.34	± 10% of standard	EPA 2023
pH (SU)	4.00	4.0	24.44	± 0.1	GWMP
pH (SU)	7.00	7.0	24.12	± 0.1	GWMP
pH (SU)	10.00	10.0	23.97	± 0.1	GWMP
D O (%)	N/A	106.2	24.54	± 10%	NA
ORP (mV)	228.0	206.4		± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.1	± 10% of standard	EPA 2023
	100	101		
	800	807		
	10	9.36		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4454	28.31	± 10% of standard	EPA 2023
pH (SU)	4.00	4.041	28.31	± 0.1	GWMP
pH (SU)	7.00	6.799	28.41	± 0.1	GWMP
pH (SU)	10.00	9.936	28.43	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	~~20~~ 10 VB	~~19.1~~ 10.0 VB	± 10% of standard	EPA 2023
	~~100~~ 26 VB	~~101~~ 19.9 VB		
	~~800~~ 100 VB	~~807~~ 49.9 VB		
	~~10~~ 800 VB	~~9.36~~ 805 VB		

Notes:

Site Name: SCS plant Scherer **Field Instrumentation Calibration Form** Date: 7/24/25

Calibrated By: LMD Field Conditions: cloudy 80F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread 400	1167968
Turbidity Meter	HACH 2100Q	22090D0Ø0239

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014219	01/2026	AR
pH (SU)	4.00	24014218	01/2026	AR
pH (SU)	7.00	24014246	01/2026	AR
pH (SU)	10.00	24011537	01/2026	AR
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/2026	AR

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4471	25.60	± 10% of standard	EPA 2023
pH (SU)	4.00	4.039	25.88	± 0.1	GWMP
pH (SU)	7.00	7.022	26.23	± 0.1	GWMP
pH (SU)	10.00	10.04	26.23	± 0.1	GWMP
D.O. (%)	N/A	99.43%	8.536 mg/L 23.78°	± 10%	NA
ORP (mV)	228.0	221.0	26.11	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.54	± 10% of standard	EPA 2023
	20	19.8		
	100	98.9		
	800	854		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4500	25.77	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	26.11	± 0.1	GWMP
pH (SU)	7.00	6.96	26.22	± 0.1	GWMP
pH (SU)	10.00	6.01	26.01	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.61	± 10% of standard	EPA 2023
	100	101		
	800	806		
	10	9.94		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/24/25

Calibrated By: DCB

Field Conditions: Sunny 80° F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread	10802-23
Turbidity Meter	HACH	23100D000368

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	H.R
pH (SU)	4.00	"	"	"
pH (SU)	7.00	24019266	01/2026	
pH (SU)	10.00	24011537	01/2026	
D.O. (%)	N/A	—	—	
ORP (mV)	228.0	22490162	01/2026	

Calibration					
Time Start 1015		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4398	23.81	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03 ~~4.00~~	~~24.17~~ 24.06	± 0.1	GWMP
pH (SU)	7.00	7.02	24.11	± 0.1	GWMP
pH (SU)	10.00	10.07	24.10	± 0.1	GWMP
D.O. (%)	N/A	96.98	24.12	± 10%	NA
ORP (mV)	228.0	225.8	24.10	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.3	± 10% of standard	EPA 2023
	100	99.8		
	800	794		
	10	9.70		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4523	26.10	± 10% of standard	EPA 2023
pH (SU)	4.00	3.99	26.22	± 0.1	GWMP
pH (SU)	7.00	6.98	26.31	± 0.1	GWMP
pH (SU)	10.00	10.10	26.41	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21	± 10% of standard	EPA 2023
	100	108		
	800	822		
	10	9.99		

Notes:

Site Name ~~ATCO~~ Scherer

Field Instrumentation Calibration Form

Date 7.23.25

Calibrated By JS

Field Conditions: 76 cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Hach	150300039320
Turbidity Meter	Aquafluor	1090309

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

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4462	23.92	± 10% of standard	EPA 2023
pH (SU)	4.00	4.11	23.95	± 0.1	GWMP
pH (SU)	7.00	7.09	24.20	± 0.1	GWMP
pH (SU)	10.00	10.07	24.81	± 0.1	GWMP
D.O. (%)	N/A	94.94	24.77	± 10%	NA
ORP (mV)	228.0	220.8	24.47	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.1	± 10% of standard	EPA 2023
	100	99.6		
	~~793~~ 800	793		
	10	10.1		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4501	25.67	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02		± 0.1	GWMP
pH (SU)	7.00	7.03		± 0.1	GWMP
pH (SU)	10.00	10.02		± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21.-	± 10% of standard	EPA 2023
	100	102		
	800	806		
	10	9.9		

Notes:

Site Name: SCH

Field Instrumentation Calibration Form

Date: 8/1/25

Calibrated By: JD

Field Conditions: Sunny 90s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	YSI	24F
Turbidity Meter	"	"

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

SAX

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4545	23.18	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	23.16	± 0.1	GWMP
pH (SU)	7.00	7.02	23.18	± 0.1	GWMP
pH (SU)	10.00	10.01	22.94	± 0.1	GWMP
D.O. (%)	N/A	95.7	22.94	± 10%	NA
ORP (mV)	228.0	227.4	22.78	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.6	± 10% of standard	EPA 2023
	100	110		
	800	892		
	10	9.99		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4367	25.63	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	25.78	± 0.1	GWMP
pH (SU)	7.00	7.03	25.88	± 0.1	GWMP
pH (SU)	10.00	9.97	26.11	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	18.9	± 10% of standard	EPA 2023
	100	106		
	800	811		
	10	9.98		

Notes:

Site Name: SCH

Field Instrumentation Calibration Form

Date: 7/31/25

Calibrated By: JS

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Say	Say
Turbidity Meter	1	1

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

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4564	23.36	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	23.35	± 0.1	GWMP
pH (SU)	7.00	6.95	23.27	± 0.1	GWMP
pH (SU)	10.00	9.99	23.24	± 0.1	GWMP
D.O. (%)	N/A	99.2	23.27	± 10%	NA
ORP (mV)	228.0	226.4	23.22	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.55	± 10% of standard	EPA 2023
	20	22.6		
	100	102		
	800	880		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4500	25.60	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	25.77	± 0.1	GWMP
pH (SU)	7.00	7.01	25.63	± 0.1	GWMP
pH (SU)	10.00	10.00	25.71	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.0	± 10% of standard	EPA 2023
	100	103		
	800	807		
	10	9.89		

Notes:

Site Name: SCH

Field Instrumentation Calibration Form

Date: 7/30/25

Calibrated By: JS

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	SAY	SAY
Turbidity Meter		

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

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4387	22.79	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05	23.00	± 0.1	GWMP
pH (SU)	7.00	7.04	22.73	± 0.1	GWMP
pH (SU)	10.00	10.05	22.90	± 0.1	GWMP
D.O. (%)	N/A	93.9%	22.52	± 10%	NA
ORP (mV)	228.0	226.2	22.77	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.5	± 10% of standard	EPA 2023
	100	98.5		
	800	776		
	10	10.2		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4450	25.66	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	25.71	± 0.1	GWMP
pH (SU)	7.00	6.98	25.68	± 0.1	GWMP
pH (SU)	10.00	9.99	25.69	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21	± 10% of standard	EPA 2023
	100	104		
	800	806		
	10	10.06		

Notes:

Hach: 2310D000373

Site Name: SCH

Field Instrumentation Calibration Form

Date: 7/24/25

Calibrated By: JD

Field Conditions: Sunny

SAY: Same as yesterday

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	SAY	SAY
Turbidity Meter		

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

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4429	22.99	± 10% of standard	EPA 2023
pH (SU)	4.00	3.99	22.98	± 0.1	GWMP
pH (SU)	7.00	6.99	22.91	± 0.1	GWMP
pH (SU)	10.00	9.93	22.95	± 0.1	GWMP
D.O. (%)	N/A	100.3	23.11	± 10%	NA
ORP (mV)	228.0	233.5	22.96	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21.9	± 10% of standard	EPA 2023
	100	102		
	800	792		
	10	10.1		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4601	23.71	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	23.82	± 0.1	GWMP
pH (SU)	7.00	7.01	23.66	± 0.1	GWMP
pH (SU)	10.00	10.01	23.76	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.6	± 10% of standard	EPA 2023
	100	98		
	800	791		
	10	9.98		

Notes:

Site Name: Scherer

Field Instrumentation Calibration Form

Date: 7/28/25

Calibrated By: JS

Field Conditions: Sunny 90s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AIR	~~[illegible]~~ 868238
Turbidity Meter	HACH	23100 D000373

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24041218	01/26	AIR
pH (SU)	4.00	1	1	1
pH (SU)	7.00	24041266	01/26	1
pH (SU)	10.00	24011557	01/26	1
D.O. (%)	N/A	-	-	1
ORP (mV)	228.0	22490862	01/26	1

Calibration					
Time Start		Time Finish 1455			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	5158	25.25	± 10% of standard	EPA 2023
pH (SU)	4.00	4.025	26.25	± 0.1	GWMP
pH (SU)	7.00	6.971	25.97	± 0.1	GWMP
pH (SU)	10.00	10.00	25.73	± 0.1	GWMP
D.O. (%)	N/A	105.9%	25.47	± 10%	NA
ORP (mV)	228.0	232.7	25.97	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.4	± 10% of standard	EPA 2023
	100	99.4		
	800	804		
	10	9.94		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4551	25.62	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	25.71	± 0.1	GWMP
pH (SU)	7.00	7.01	25.65	± 0.1	GWMP
pH (SU)	10.00	9.98	25.66	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19	± 10% of standard	EPA 2023
	100	99		
	800	796		
	10	9.9		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/23/25

Calibrated By: DCB

Field Conditions: Sunny 85+f

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread	1080306
Turbidity Meter	Hach	231100C00009

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

Calibration					
Time Start 0745		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	23.69	4574	± 10% of standard	EPA 2023
pH (SU)	4.00	23.78	3.999	± 0.1	GWMP
pH (SU)	7.00	23.76	6.954	± 0.1	GWMP
pH (SU)	10.00	23.87	10.01	± 0.1	GWMP
D.O. (%)	N/A	23.87	99.10	± 10%	NA
ORP (mV)	228.0	23.82	213.2	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.8	± 10% of standard	EPA 2023
	100	99.3		
	800	796		
	10	9.39		

Calibration Check					
Time Start 1545		Time Finish 1600			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	24.42	4987	± 10% of standard	EPA 2023
pH (SU)	4.00	24.43	4.07	± 0.1	GWMP
pH (SU)	7.00	23.95	6.99	± 0.1	GWMP
pH (SU)	10.00	23.67	10.02	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.6	± 10% of standard	EPA 2023
	100	102		
	800	797		
	10	9.54		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/24/25

Calibrated By: Daniel Howard

Field Conditions: _____

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter In Situ	AquaTroll	1170046
Turbidity Meter	Hach2100Q	23060D001342

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	1/26	AH Insta
pH (SU)	4.00	24014218	1/26	↓
pH (SU)	7.00	24014266	1/26	
pH (SU)	10.00	24011537	1/26	
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	1/26	AH Insta

Calibration

Time Start: 0520 Time Finish: 0543

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4457	23.52	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	23.58	± 0.1	GWMP
pH (SU)	7.00	7.00	24.08	± 0.1	GWMP
pH (SU)	10.00	10.00	24.21	± 0.1	GWMP
D.O. (%) 8.492	N/A	8.281	23.04	± 10%	NA
ORP (mV)	228.0	230.1	24.28	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.5	± 10% of standard	EPA 2023
	100	100		
	800	800		
	ck 10	10.6		

Calibration Check

Time Start: 1541 Time Finish: 1550

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4424	29.10	± 10% of standard	EPA 2023
pH (SU)	4.00	4.019	29.10	± 0.1	GWMP
pH (SU)	7.00	6.999	28.36	± 0.1	GWMP
pH (SU)	10.00	9.944	28.22	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.7	± 10% of standard	EPA 2023
	100	100		
	800	786		
	ck 10	10.5		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/23/25

Calibrated By: Daniel Howard

Field Conditions: Hot + Humid

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter In situ	Aqua Troll	1170046
Turbidity Meter Hach2100Q		23060C010342

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24019218	1/26	At I Insta
pH (SU)	4.00	24014217	1/26	↓
pH (SU)	7.00	24014216	1/26	↓
pH (SU)	10.00	24011537	1/26	↓
D.O. (%)	N/A	—	—	
ORP (mV)	228.0	24490162	1/26	At I Insta

Calibration

Time Start 0830 Time Finish 0900

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	24.47	± 10% of standard	EPA 2023
pH (SU)	4.00	4.0	24.50	± 0.1	GWMP
pH (SU)	7.00	7.0	24.25	± 0.1	GWMP
pH (SU)	10.00	10.0	24.32	± 0.1	GWMP
D.O. (%)	N/A (8.345)	8.039	24.56	± 10%	NA
ORP (mV)	228.0	230.2	24.19	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU) A4025	20	20.1	± 10% of standard	EPA 2023
A4255	100	100		
A4176	800	797		
A4276	CK 10	10.2		

Calibration Check

Time Start 1700 Time Finish 1720

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4494	23.97	± 10% of standard	EPA 2023
pH (SU)	4.00	4.004	23.97	± 0.1	GWMP
pH (SU)	7.00	6.989	24.55	± 0.1	GWMP
pH (SU)	10.00	10.03	24.69	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20.0	20.1	± 10% of standard	EPA 2023
	100	99.7		
	800	791		
	CK 10	10.3		

Notes:

Site Name: SCS plant scherer **Field Instrumentation Calibration Form** Date: 7/23/2025

Calibrated By: LND. Field Conditions: Rainy 78°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 400	1167968
Turbidity Meter	HACH 2100Q	22090 D0902 39

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	AIR
pH (SU)	4.00	24014218	01/2026	AIR
pH (SU)	7.00	24014266	01/2026	AIR
pH (SU)	10.00	24011537	01/2026	AIR
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/2026	AIR

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4480	22.76	± 10% of standard	EPA 2023
pH (SU)	4.00	4.085	23.08	± 0.1	GWMP
pH (SU)	7.00	7.071	23.25	± 0.1	GWMP
pH (SU)	10.00	10.09	23.34	± 0.1	GWMP
D.O. (%)	N/A	8.747 mg/L	100.9% 22.03	± 10%	NA
ORP (mV)	228.0	225.1	23.42	± 10	EPA 2023

LOT #
A4247
A4257
A4248
A4257

Exp:
12/25
12/25
12/25
12/25

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.35	± 10% of standard	EPA 2023
	20	20.7		
	100	104.0		
	800	744		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4487	32.62	± 10% of standard	EPA 2023
pH (SU)	4.00	4.032	33.05	± 0.1	GWMP
pH (SU)	7.00	6.942	32.43	± 0.1	GWMP
pH (SU)	10.00	9.933	32.57	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.83	± 10% of standard	EPA 2023
	20	21.1		
	100	101		
	800	785		

Notes:

Site Name: Plant Scherer **Field Instrumentation Calibration Form** Date: 7/28/25

Calibrated By: Daniel Howard Field Conditions: Hot + Humid

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	In Situ	AquaTroll 1170046
Turbidity Meter	Hach	2100Q 23060D000342

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	1/26	Atl Instru
pH (SU)	4.00	24014218	1/26	↓
pH (SU)	7.00	24014266	1/26	↓
pH (SU)	10.00	24014537	1/26	↓
D.O. (%)	N/A			—
ORP (mV)	228.0	24014016	1/26	Atl Instru

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	24.01	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	23.97	± 0.1	GWMP
pH (SU)	7.00	7.00	23.92	± 0.1	GWMP
pH (SU)	10.00	10.00	23.93	± 0.1	GWMP
D.O. (%) 99.31	N/A	7.900	24.96	± 10%	NA
ORP (mV)	228.0	230.6	23.83	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.5	± 10% of standard	EPA 2023
	100	99.5		
	800	791		
	10	10.0		

Calibration Check					
Time Start 1600		Time Finish 1615			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4541	28.03	± 10% of standard	EPA 2023
pH (SU)	4.00	4.021	28.02	± 0.1	GWMP
pH (SU)	7.00	6.999	28.19	± 0.1	GWMP
pH (SU)	10.00	9.955	28.14	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.5	± 10% of standard	EPA 2023
	100	100		
	800	781		
	ck 10	9.85		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/29/25

Calibrated By: Daniel Howard

Field Conditions: Hot + Humid

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter Instrum	AquaTroll	170846
Turbidity Meter	Hach 2100Q	23060000342

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	1126	A+I Instrum
pH (SU)	4.00	24014218	1126	↓
pH (SU)	7.00	24014266	1126	
pH (SU)	10.00	24011537	1126	
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	1126	A+I Instrum

Calibration					
Time Start 0510		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	23.30	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	23.25	± 0.1	GWMP
pH (SU)	7.00	7.00	23.48	± 0.1	GWMP
pH (SU)	10.00	10.00	23.75	± 0.1	GWMP
D.O. (%) 101.1	N/A	8.18	23.50	± 10%	NA
ORP (mV)	228.0	230.3	DH24.00 23.97	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.8	± 10% of standard	EPA 2023
	100	101		
	800	803		
	CK 10	10.1		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4520	28.17	± 10% of standard	EPA 2023
pH (SU)	4.00	4.051	28.17	± 0.1	GWMP
pH (SU)	7.00	7.021	27.71	± 0.1	GWMP
pH (SU)	10.00	9.980	27.67	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.6	± 10% of standard	EPA 2023
	100	98.9		
	800	782		
	CK 10	10.0		

Notes:

Site Name Plant Scherer

Field Instrumentation Calibration Form

Date 07/29/25

Calibrated By JCT

Field Conditions Sunny, Hot

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 400	1080293
Turbidity Meter	HACH 2100Q	231000000368

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	Air
pH (SU)	4.00	24014818	↓	↓
pH (SU)	7.00	24014704		
pH (SU)	10.00	24011537		
D.O. (%)	N/A			
ORP (mV)	228.0	22490167	01/2026	Air

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4749	23.07	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05	23.19	± 0.1	GWMP
pH (SU)	7.00	7.03	23.21	± 0.1	GWMP
pH (SU)	10.00	10.02	23.27	± 0.1	GWMP
D.O. (%)	N/A	103.0%	22.98	± 10%	NA
ORP (mV)	228.0	229.4	23.25	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.92	± 10% of standard	EPA 2023
	20	21.8		
	100	107		
	800	851		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4747	23.43	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	23.25	± 0.1	GWMP
pH (SU)	7.00	6.99	23.00	± 0.1	GWMP
pH (SU)	10.00	10.00	22.86	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.94	± 10% of standard	EPA 2023
	20	19.7		
	100	98.0		
	800	791		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/21/25

Calibrated By: DH

Field Conditions: _____

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll	1174603
Turbidity Meter	Hach	231100000009

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014215	01/2026	AIR
pH (SU)	4.00	↓	↓	↓
pH (SU)	7.00	24014266		
pH (SU)	10.00	24014537		
D.O. (%)	N/A			
ORP (mV)	228.0	24090162		

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4473	24.02	± 10% of standard	EPA 2023
pH (SU)	4.00	4.0	24.26	± 0.1	GWMP
pH (SU)	7.00	7.0	24.99	± 0.1	GWMP
pH (SU)	10.00	10.0	24.55	± 0.1	GWMP
D.O. (%)	N/A	103.0	22.84	± 10%	NA
ORP (mV)	228.0	228.6	24.33	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20.0	19.9	± 10% of standard	EPA 2023
	100	100		
	800	805		
	10	9.31		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4503	21.96	± 10% of standard	EPA 2023
pH (SU)	4.00	4.012	23.96	± 0.1	GWMP
pH (SU)	7.00	7.00	23.71	± 0.1	GWMP
pH (SU)	10.00	9.935	23.35	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	1.0	9.73	± 10% of standard	EPA 2023
	20	20.4		
	100	99.6		
	800	794		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/29/25

Calibrated By: EEA

Field Conditions: Sunny 85°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll	618306
Turbidity Meter	HACH	1S040C046490

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24019218	1/26	AIR
pH (SU)	4.00	" "		
pH (SU)	7.00	24E1426G		
pH (SU)	10.00	24011537		
D.O. (%)	N/A			
ORP (mV)	228.0	224901E		

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4312	22.65	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01c	22.68	± 0.1	GWMP
pH (SU)	7.00	6.97	22.64	± 0.1	GWMP
pH (SU)	10.00	10.06	22.63	± 0.1	GWMP
D.O. (%)	N/A	98.419	22.57	± 10%	NA
ORP (mV)	228.0	232	22.68	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.46	± 10% of standard	EPA 2023
	20	19.8		
	100	98.5		
	800	804		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4340	26.2	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	26.2	± 0.1	GWMP
pH (SU)	7.00	7.07	26.3	± 0.1	GWMP
pH (SU)	10.00	10.01	25.9	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.4	± 10% of standard	EPA 2023
	20	19.9		
	300	99.1		
	800	798		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/30/25

Calibrated By: Daniel Howard

Field Conditions: Hot + Humid

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter Insitu	AquaTroll	1170046
Turbidity Meter	Hach 2100 Q	23060300342

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	24014218	1/26	Atl Instru
pH (SU)	4.00	24014218	1/26	↓
pH (SU)	7.00	24014266	1/26	↓
pH (SU)	10.00	24015537	1/26	↓
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	1/26	Atl Instru

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4490	23.70	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	23.91	± 0.1	GWMP
pH (SU)	7.00	7.00	24.20	± 0.1	GWMP
pH (SU)	10.00	10.00	24.51	± 0.1	GWMP
D.O. (%) ±0.1	N/A	8.348	22.43	± 10%	NA
ORP (mV)	228.0	230.0	24.34	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.7	± 10% of standard	EPA 2023
	100	100		
	800	797		
	CK 10	10.2		

Calibration Check					
Time Start 1605		Time Finish 1620			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4436	29.82	± 10% of standard	EPA 2023
pH (SU)	4.00	4.047	29.82	± 0.1	GWMP
pH (SU)	7.00	7.038	28.67	± 0.1	GWMP
pH (SU)	10.00	9.994	28.01	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.3	± 10% of standard	EPA 2023
	100	101		
	800	783		
	CK 10	10.2		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/30/25

Calibrated By: EFA

Field Conditions: _____

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll	11J7603
Turbidity Meter	HACH	231100000009

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	AIR
pH (SU)	4.00	"	"	"
pH (SU)	7.00	24014266	"	"
pH (SU)	10.00	24011537	"	"
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	"	"

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4467	23.15	± 10% of standard	EPA 2023
pH (SU)	4.00	4.0	23.39	± 0.1	GWMP
pH (SU)	7.00	7.0	23.36	± 0.1	GWMP
pH (SU)	10.00	10.6	23.49	± 0.1	GWMP
D.O. (%)	N/A	99.3	22.68	± 10%	NA
ORP (mV)	228.0	230.1		± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.0	± 10% of standard	EPA 2023
	100	99.7		
	800	800		
	10	9.27		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4619	30.93	± 10% of standard	EPA 2023
pH (SU)	4.00	4.050	"	± 0.1	GWMP
pH (SU)	7.00	6.997	31.40	± 0.1	GWMP
pH (SU)	10.00	9.921	30.74	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.29	± 10% of standard	EPA 2023
	20	20.0		
	100	99.2		
	800	792		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/30/25

Calibrated By: EEA

Field Conditions: Sunny 90 °F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread	10803046
Turbidity Meter	HACH	1540C044490

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	240/4218	1/20/26	AQR
pH (SU)	4.00	11 11	↓	↓
pH (SU)	7.00	240/4266		
pH (SU)	10.00	2401/537		
D.O. (%)	N/A			
ORP (mV)	228.0	229c162		

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4270	22.68	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	22.87	± 0.1	GWMP
pH (SU)	7.00	6.992	22.82	± 0.1	GWMP
pH (SU)	10.00	9.953	22.84	± 0.1	GWMP
D.O. (%)	N/A	97.24	22.92	± 10%	NA
ORP (mV)	228.0	231.1	22.91	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.1	± 10% of standard	EPA 2023
	20	20.1		
	100	101		
	600	595		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4371	24.67	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	24.67	± 0.1	GWMP
pH (SU)	7.00	6.98	24.51	± 0.1	GWMP
pH (SU)	10.00	10.02	24.81	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.9	± 10% of standard	EPA 2023
	20	18.9		
	100	101		
	800	804		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/31/25

Calibrated By: ESA

Field Conditions: Sunny 80°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll	1050306
Turbidity Meter	HACH	15040C040490

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	~~4269~~	~~22.2~~	ASR
pH (SU)	4.00	24014218	1/2026	↓
pH (SU)	7.00	24014266	1/2026	
pH (SU)	10.00	24014537	1/2026	
D.O. (%)	N/A			
ORP (mV)	228.0	22490168	1/2026	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4269	22.30	± 10% of standard	EPA 2023
pH (SU)	4.00	4.032	22.30	± 0.1	GWMP
pH (SU)	7.00	6.98	22.34	± 0.1	GWMP
pH (SU)	10.00	9.99	22.44	± 0.1	GWMP
D.O. (%)	N/A	108.5	22.34	± 10%	NA
ORP (mV)	228.0	231.9	22.49	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.87	± 10% of standard	EPA 2023
	20	19.4		
	100	99.6		
	800	799		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4321	24.67	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	24.67	± 0.1	GWMP
pH (SU)	7.00	10.98	25.1	± 0.1	GWMP
pH (SU)	10.00	10.04	24.98	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.6	± 10% of standard	EPA 2023
	20	20.4		
	100	102		
	800	798		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/31/25

Calibrated By: Daniel Howard

Field Conditions: Hot + Humid

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter Insitu	Aqua Troll	1170046
Turbidity Meter	Hach 2100 Q	

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	1/26	Atl Instru
pH (SU)	4.00	24017218	1/26	↓
pH (SU)	7.00	24017266	1/26	
pH (SU)	10.00	24011937	1/26	
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	1/26	Atl Instru

Calibration					
Time Start 0505		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	~~8.07~~ 4490	~~23.43~~ 23.73	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	23.75	± 0.1	GWMP
pH (SU)	7.00	7.00	23.92	± 0.1	GWMP
pH (SU)	10.00	10.00	24.19	± 0.1	GWMP
D.O. (%) 98.55	N/A	8.074	23.43	± 10%	NA
ORP (mV)	228.0	229.8	24.45	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.6	± 10% of standard	EPA 2023
	100	101		
	800	807		
	CK 10	10.1		

Calibration Check					
Time Start 1632		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4482	26.49	± 10% of standard	EPA 2023
pH (SU)	4.00	4.036	26.99	± 0.1	GWMP
pH (SU)	7.00	7.025	26.72	± 0.1	GWMP
pH (SU)	10.00	9.979	26.44	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	~~20.6~~ 19.8	± 10% of standard	EPA 2023
	100	~~101~~ 98.3		
	800	~~807~~ 780		
	CK 10	~~10.1~~ 9.89		

Notes:

APPENDIX A

Instrument Calibration Records September 2025

0930

Site Name: SCS Plant Scherer

Field Instrumentation Calibration Form

Date: 9/9/25

Calibrated By: LMD.

Field Conditions: Sunny 62°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter		
Turbidity Meter		

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/26	YSI
pH (SU)	4.00	24014218	01/26	↓
pH (SU)	7.00	24014206	01/26	
pH (SU)	10.00	24011537	01/26	
D.O. (%)	N/A	~~100.3~~ —	—	
ORP (mV)	228.0	22490162	01/26	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4588	18.42	± 10% of standard	EPA 2023
pH (SU)	4.00	3.949	18.70	± 0.1	GWMP
pH (SU)	7.00	6.996	19.28	± 0.1	GWMP
pH (SU)	10.00	10.09	19.50	± 0.1	GWMP
D.O. (%)	N/A	100.3	17.01	± 10%	NA
ORP (mV)	228.0	239.9	19.59	± 10	EPA 2023

Lot	exp
A5149	09/26
A5153	09/26
A5143	09/26
A5143	09/26

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.5	± 10% of standard	EPA 2023
	100	101		
	800	818		
	10	10.4		

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

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

Notes:

APPENDIX A

Instrument Calibration Records
October 2025

Field Instrumentation Calibration Form

Site Name: Plant Schaser

Date: 10.8.25

Field Conditions: Lt, rain

Calibrated By:

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	InSitu 405	114970
Turbidity Meter	HACH 2100Q	24080[illegible]330

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24084660		
pH (SU)	4.00	24024863		
pH (SU)	7.00	24082711		
pH (SU)	10.00	24080784	N/A	N/A
D.O. (%)	N/A	—		
ORP (mV)	228.0	24020898		

Calibration

Time Start

Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4416	20.10	± 10% of standard	EPA 2023
pH (SU)	4.00	4.017	22.22	± 0.1	GWMP
pH (SU)	7.00	7.092	22.22	± 0.1	GWMP
pH (SU)	10.00	10.13	22.29	± 0.1	GWMP
D.O. (%)	N/A	99.4	22.26	± 10%	NA
ORP (mV)	228.0	232.6	22.30	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.1	± 10% of standard	EPA 2023
	100	99.1		
	800	802		
	10	9.67		

Calibration Check

Time Start

Time Finish

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

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

Notes:

APPENDIX B

Analytical Results, Data Validation Summaries, and Laboratory Accreditation

APPENDIX B

Analytical Results February 2025

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

680-262055-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262055-1	SCH-SGWA-4	Water	02/19/25 13:02	02/20/25 11:50
680-262055-2	SCH-SGWC-7	Water	02/19/25 11:54	02/20/25 11:50
680-262055-3	SCH-SGWC-8	Water	02/19/25 13:24	02/20/25 11:50
680-262055-4	SCH-SGWC-9	Water	02/19/25 10:10	02/20/25 11:50
680-262055-5	SCH-SGWC-10	Water	02/19/25 14:45	02/20/25 11:50
680-262055-6	SCH-SGWC-12	Water	02/19/25 15:21	02/20/25 11:50
680-262055-7	SCH-SGWC-13	Water	02/19/25 15:35	02/20/25 11:50
680-262055-8	SCH-SGWC-14	Water	02/19/25 10:24	02/20/25 11:50
680-262055-9	SCH-SGWC-16	Water	02/19/25 15:50	02/20/25 11:50
680-262055-10	SCH-SGWC-17	Water	02/19/25 13:18	02/20/25 11:50
680-262055-11	SCH-SGWA-24	Water	02/19/25 12:28	02/20/25 11:50
680-262055-12	SCH-SGWA-25	Water	02/19/25 14:24	02/20/25 11:50
680-262055-13	SCH-PZ-13S	Water	02/19/25 12:04	02/20/25 11:50
680-262055-14	SCH-PZ-14S	Water	02/19/25 13:52	02/20/25 11:50
680-262055-15	SCH-AP1-FD-1	Water	02/19/25 00:00	02/20/25 11:50
680-262055-16	SCH-AP1-FB-1	Water	02/19/25 14:28	02/20/25 11:50
680-262055-17	SCH-AP1-FD-2	Water	02/19/25 00:00	02/20/25 11:50
680-262055-18	SCH-AP1-EB-2	Water	02/19/25 16:48	02/20/25 11:50
680-262055-19	SCH-AP1-FD-3	Water	02/19/25 00:00	02/20/25 11:50
680-262055-20	SCH-AP1-FB-3	Water	02/19/25 13:42	02/20/25 11:50

Job Narrative
680-262055-1

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

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

Receipt
The samples were received on 2/20/2025 11:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 1.1°C, 1.6°C, 1.7°C, 1.9°C, 2.2°C and 2.3°C.

HPLC/IC
Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-876918 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Sulfate in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-877077 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride and Sulfate in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-877077 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The low level check standard recovery associated with batch 680-877074 is outside the acceptance criteria for the following analyte(s): Fluoride.

Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-877229 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-877229 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

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

General Chemistry
Method 2320B: The sample duplicate precision for the following sample associated with analytical batch 680-876995 was outside control limits: (680-262055-F-5 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-SGWC-8 (680-262055-3), SCH-SGWC-9 (680-262055-4), SCH-SGWC-13 (680-262055-7), SCH-SGWC-14 (680-262055-8), SCH-SGWC-17 (680-262055-10) and SCH-AP1-FD-1 (680-262055-15).

Method 9034: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 680-876994 and analytical batch 680-877009 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within

Job ID: 680-262055-1 (Continued) Eurofins Savannah

acceptance limits.

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

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-1

Client Sample ID: SCH-SGWA-4

Lab Sample ID: 680-262055-1

Date Collected: 02/19/25 13:02

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.51**	**J**	1.0	0.40	mg/L			02/25/25 15:27	1
Fluoride	<0.040		0.10	0.040	mg/L			02/25/25 15:27	1
Chloride	**1.1**		1.0	0.20	mg/L			02/25/25 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 16:35	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 16:35	1
Barium	**0.077**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 16:35	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 16:35	1
Boron	**0.032**	**J**	0.080	0.022	mg/L		02/20/25 16:21	02/24/25 16:35	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 16:35	1
Calcium	**21**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 16:35	1
Chromium	**0.0056**		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 16:35	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 16:35	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 16:35	1
Lithium	**0.0037**	**J**	0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 16:35	1
Magnesium	**7.2**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 16:35	1
Manganese	**0.15**	**F1 F2**	0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 16:35	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 16:35	1
Potassium	**2.0**		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 16:35	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 16:35	1
Sodium	**9.2**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 16:35	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 16:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 11:27	03/04/25 18:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**92**		5.0	2.2	mg/L			02/24/25 23:13	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**92**		5.0	2.2	mg/L			02/24/25 23:13	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/24/25 23:13	1
Total Dissolved Solids (SM 2540C-2011)	**120**		10	10	mg/L			02/24/25 17:56	1

Client Sample ID: SCH-SGWC-7

Lab Sample ID: 680-262055-2

Date Collected: 02/19/25 11:54

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**4.8**		1.0	0.40	mg/L			02/25/25 15:37	1
Fluoride	**0.23**		0.10	0.040	mg/L			02/25/25 15:37	1
Chloride	**4.6**		1.0	0.20	mg/L			02/25/25 15:37	1

Client Sample ID: SCH-SGWC-7

Lab Sample ID: 680-262055-2

Date Collected: 02/19/25 11:54

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 16:57	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 16:57	1
Barium	**0.25**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 16:57	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 16:57	1
Boron	<0.022		0.080	0.022	mg/L		02/20/25 16:21	02/24/25 16:57	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 16:57	1
Calcium	**17**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 16:57	1
Chromium	**0.0014**	**J**	0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 16:57	1
Cobalt	**0.00023**	**J**	0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 16:57	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 16:57	1
Lithium	**0.0063**		0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 16:57	1
Magnesium	**12**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 16:57	1
Manganese	**0.060**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 16:57	1
Molybdenum	**0.0010**	**J**	0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 16:57	1
Potassium	**4.2**		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 16:57	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 16:57	1
Sodium	**20**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 16:57	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 16:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 11:27	03/04/25 18:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**110**		5.0	2.2	mg/L			02/24/25 22:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**110**		5.0	2.2	mg/L			02/24/25 22:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/24/25 22:55	1
Total Dissolved Solids (SM 2540C-2011)	**160**		10	10	mg/L			02/24/25 17:56	1

Client Sample ID: SCH-SGWC-8

Lab Sample ID: 680-262055-3

Date Collected: 02/19/25 13:24

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**37**		2.0	0.80	mg/L			02/25/25 15:47	2
Fluoride	**0.17**	**J**	0.20	0.080	mg/L			02/25/25 15:47	2
Chloride	**18**		2.0	0.40	mg/L			02/25/25 15:47	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 16:59	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 16:59	1
Barium	**0.14**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 16:59	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 16:59	1
Boron	**0.042**	**J**	0.080	0.022	mg/L		02/20/25 16:21	02/24/25 16:59	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 16:59	1

Client Sample ID: SCH-SGWC-8

Lab Sample ID: 680-262055-3

Date Collected: 02/19/25 13:24

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**39**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 16:59	1
Chromium	**0.0030**		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 16:59	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 16:59	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 16:59	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 16:59	1
Magnesium	**24**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 16:59	1
Manganese	**0.029**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 16:59	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 16:59	1
Potassium	**1.2**		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 16:59	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 16:59	1
Sodium	**37**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 16:59	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 16:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/03/25 15:25	03/04/25 10:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**200**		5.0	2.2	mg/L			02/24/25 23:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**200**		5.0	2.2	mg/L			02/24/25 23:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/24/25 23:23	1
Total Dissolved Solids (SM 2540C-2011)	**330**		40	40	mg/L			02/24/25 17:56	1

Client Sample ID: SCH-SGWC-9

Lab Sample ID: 680-262055-4

Date Collected: 02/19/25 10:10

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**120**		10	4.0	mg/L			02/25/25 15:57	10
Fluoride	<0.40		1.0	0.40	mg/L			02/25/25 15:57	10
Chloride	**14**		10	2.0	mg/L			02/25/25 15:57	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 17:05	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 17:05	1
Barium	**0.035**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 17:05	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 17:05	1
Boron	**1.4**		0.080	0.022	mg/L		02/20/25 16:21	02/24/25 17:05	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 17:05	1
Calcium	**29**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 17:05	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 17:05	1
Cobalt	**0.00058**	**J**	0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 17:05	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 17:05	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 17:05	1
Magnesium	**19**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 17:05	1

Client Sample ID: SCH-SGWC-9

Lab Sample ID: 680-262055-4

Date Collected: 02/19/25 10:10

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.11**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 17:05	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 17:05	1
Potassium	**0.52**		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 17:05	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 17:05	1
Sodium	**43**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 17:05	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 17:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/03/25 15:25	03/04/25 10:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**95**		5.0	2.2	mg/L			02/24/25 23:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**95**		5.0	2.2	mg/L			02/24/25 23:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/24/25 23:04	1
Total Dissolved Solids (SM 2540C-2011)	**310**		40	40	mg/L			02/24/25 17:56	1

Client Sample ID: SCH-SGWC-10

Lab Sample ID: 680-262055-5

Date Collected: 02/19/25 14:45

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**36**	**F1**	1.0	0.40	mg/L			02/25/25 16:26	1
Fluoride	<0.040		0.10	0.040	mg/L			02/25/25 16:26	1
Chloride	**9.6**		1.0	0.20	mg/L			02/25/25 16:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 17:03	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 17:03	1
Barium	**0.043**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 17:03	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 17:03	1
Boron	**0.31**		0.080	0.022	mg/L		02/20/25 16:21	02/24/25 17:03	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 17:03	1
Calcium	**4.3**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 17:03	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 17:03	1
Cobalt	**0.026**		0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 17:03	1
Iron	**1.6**		0.10	0.012	mg/L		02/20/25 16:21	02/24/25 17:03	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 17:03	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 17:03	1
Magnesium	**8.4**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 17:03	1
Manganese	**0.64**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 17:03	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 17:03	1
Potassium	**0.35**	**J**	0.50	0.044	mg/L		02/20/25 16:21	02/24/25 17:03	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 17:03	1
Sodium	**8.1**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 17:03	1

Client Sample ID: SCH-SGWC-10

Lab Sample ID: 680-262055-5

Date Collected: 02/19/25 14:45

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 17:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/03/25 15:25	03/04/25 11:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**38**		5.0	2.2	mg/L			02/24/25 22:37	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**38**		5.0	2.2	mg/L			02/24/25 22:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/24/25 22:37	1
Total Dissolved Solids (SM 2540C-2011)	**93**		10	10	mg/L			02/24/25 17:56	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-SGWC-12

Lab Sample ID: 680-262055-6

Date Collected: 02/19/25 15:21

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**83**		2.0	0.80	mg/L			02/26/25 15:46	2
Fluoride	<0.080		0.20	0.080	mg/L			02/25/25 16:55	2
Chloride	**12**		2.0	0.40	mg/L			02/25/25 16:55	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 16:43	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 16:43	1
Barium	**0.075**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 16:43	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 16:43	1
Boron	**0.039**	**J**	0.080	0.022	mg/L		02/20/25 16:21	02/24/25 16:43	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 16:43	1
Calcium	**25**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 16:43	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 16:43	1
Cobalt	**0.0018**	**J**	0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 16:43	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 16:43	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 16:43	1
Magnesium	**15**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 16:43	1
Manganese	**0.58**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 16:43	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 16:43	1
Potassium	**0.82**		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 16:43	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 16:43	1
Sodium	**20**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 16:43	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 16:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080	F1	0.00020	0.000080	mg/L		03/03/25 15:29	03/04/25 09:30	1

Client Sample ID: SCH-SGWC-12

Lab Sample ID: 680-262055-6

Date Collected: 02/19/25 15:21

Matrix: Water

Date Received: 02/20/25 11:50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**67**		5.0	2.2	mg/L			02/25/25 00:32	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**67**		5.0	2.2	mg/L			02/25/25 00:32	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 00:32	1
Total Dissolved Solids (SM 2540C-2011)	**220**		10	10	mg/L			02/24/25 17:56	1

Client Sample ID: SCH-SGWC-13

Lab Sample ID: 680-262055-7

Date Collected: 02/19/25 15:35

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**170**		5.0	2.0	mg/L			02/25/25 17:05	5
Fluoride	<0.20		0.50	0.20	mg/L			02/25/25 17:05	5
Chloride	**25**		5.0	1.0	mg/L			02/25/25 17:05	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 17:07	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 17:07	1
Barium	**0.044**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 17:07	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 17:07	1
Boron	**0.96**		0.080	0.022	mg/L		02/20/25 16:21	02/24/25 17:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 17:07	1
Calcium	**31**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 17:07	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 17:07	1
Cobalt	**0.0018**	**J**	0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 17:07	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 17:07	1
Lithium	**0.0025**	**J**	0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 17:07	1
Magnesium	**13**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 17:07	1
Manganese	**0.13**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 17:07	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 17:07	1
Potassium	**1.6**		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 17:07	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 17:07	1
Sodium	**36**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 17:07	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 17:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/03/25 15:25	03/04/25 10:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**37**		5.0	2.2	mg/L			02/25/25 00:49	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**37**		5.0	2.2	mg/L			02/25/25 00:49	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 00:49	1

Client Sample ID: SCH-SGWC-13

Lab Sample ID: 680-262055-7

Date Collected: 02/19/25 15:35

Matrix: Water

Date Received: 02/20/25 11:50

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**280**		40	40	mg/L			02/24/25 17:56	1

Client Sample ID: SCH-SGWC-14

Lab Sample ID: 680-262055-8

Date Collected: 02/19/25 10:24

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**230**		10	4.0	mg/L			02/25/25 17:15	10
Fluoride	<0.40		1.0	0.40	mg/L			02/25/25 17:15	10
Chloride	**30**		10	2.0	mg/L			02/25/25 17:15	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 17:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 17:09	1
Barium	**0.032**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 17:09	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 17:09	1
Boron	**1.6**		0.080	0.022	mg/L		02/20/25 16:21	02/24/25 17:09	1
Cadmium	**0.00011**	**J**	0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 17:09	1
Calcium	**37**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 17:09	1
Chromium	**0.0013**	**J**	0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 17:09	1
Cobalt	**0.014**		0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 17:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 17:09	1
Lithium	**0.0035**	**J**	0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 17:09	1
Magnesium	**21**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 17:09	1
Manganese	**0.60**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 17:09	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 17:09	1
Potassium	**2.4**		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 17:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 17:09	1
Sodium	**42**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 17:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 17:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000081**	**J**	0.00020	0.000080	mg/L		03/03/25 15:25	03/04/25 11:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**12**		5.0	2.2	mg/L			02/25/25 00:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**12**		5.0	2.2	mg/L			02/25/25 00:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 00:02	1
Total Dissolved Solids (SM 2540C-2011)	**350**		40	40	mg/L			02/24/25 17:56	1

Client Sample ID: SCH-SGWC-16

Lab Sample ID: 680-262055-9

Date Collected: 02/19/25 15:50

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**84**		5.0	2.0	mg/L			02/25/25 17:25	5
Fluoride	<0.20		0.50	0.20	mg/L			02/25/25 17:25	5
Chloride	**17**		5.0	1.0	mg/L			02/25/25 17:25	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 16:41	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 16:41	1
Barium	**0.059**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 16:41	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 16:41	1
Boron	**0.88**		0.080	0.022	mg/L		02/20/25 16:21	02/24/25 16:41	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 16:41	1
Calcium	**1.9**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 16:41	1
Chromium	**0.015**		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 16:41	1
Cobalt	**0.0082**		0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 16:41	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 16:41	1
Lithium	**0.0038**	**J**	0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 16:41	1
Magnesium	**1.2**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 16:41	1
Manganese	**0.051**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 16:41	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 16:41	1
Potassium	**0.83**		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 16:41	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 16:41	1
Sodium	**47**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 16:41	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 16:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/03/25 15:25	03/04/25 11:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**6.7**		5.0	2.2	mg/L			02/24/25 23:29	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**6.7**		5.0	2.2	mg/L			02/24/25 23:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/24/25 23:29	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			02/24/25 17:56	1

Client Sample ID: SCH-SGWC-17

Lab Sample ID: 680-262055-10

Date Collected: 02/19/25 13:18

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**340**		10	4.0	mg/L			02/25/25 17:34	10
Fluoride	<0.40		1.0	0.40	mg/L			02/25/25 17:34	10
Chloride	**20**		10	2.0	mg/L			02/25/25 17:34	10

Client Sample ID: SCH-SGWC-17

Lab Sample ID: 680-262055-10

Date Collected: 02/19/25 13:18

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 17:21	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 17:21	1
Barium	**0.032**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 17:21	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 17:21	1
Boron	**0.39**		0.080	0.022	mg/L		02/20/25 16:21	02/24/25 17:21	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 17:21	1
Calcium	**79**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 17:21	1
Chromium	**0.0039**		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 17:21	1
Cobalt	**0.00048**	**J**	0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 17:21	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 17:21	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 17:21	1
Magnesium	**40**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 17:21	1
Manganese	**0.038**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 17:21	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 17:21	1
Potassium	**0.58**		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 17:21	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 17:21	1
Sodium	**29**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 17:21	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 17:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000087**	**J**	0.00020	0.000080	mg/L		03/03/25 15:25	03/04/25 10:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**64**		5.0	2.2	mg/L			02/25/25 00:58	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**64**		5.0	2.2	mg/L			02/25/25 00:58	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 00:58	1
Total Dissolved Solids (SM 2540C-2011)	**520**		40	40	mg/L			02/24/25 17:56	1

Client Sample ID: SCH-SGWA-24

Lab Sample ID: 680-262055-11

Date Collected: 02/19/25 12:28

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/25/25 17:44	1
Fluoride	<0.040		0.10	0.040	mg/L			02/25/25 17:44	1
Chloride	**4.9**		1.0	0.20	mg/L			02/25/25 17:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 17:01	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 17:01	1
Barium	**0.029**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 17:01	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 17:01	1
Boron	<0.022		0.080	0.022	mg/L		02/20/25 16:21	02/24/25 17:01	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 17:01	1

Client Sample ID: SCH-SGWA-24

Lab Sample ID: 680-262055-11

Date Collected: 02/19/25 12:28

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**18**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 17:01	1
Chromium	**0.0060**		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 17:01	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 17:01	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 17:01	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 17:01	1
Magnesium	**8.7**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 17:01	1
Manganese	**0.010**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 17:01	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 17:01	1
Potassium	**1.0**		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 17:01	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 17:01	1
Sodium	**7.5**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 17:01	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 17:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/03/25 15:25	03/04/25 11:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**84**		5.0	2.2	mg/L			02/25/25 01:07	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**84**		5.0	2.2	mg/L			02/25/25 01:07	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 01:07	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/25/25 18:04	1

Client Sample ID: SCH-SGWA-25

Lab Sample ID: 680-262055-12

Date Collected: 02/19/25 14:24

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/25/25 17:54	1
Fluoride	<0.040		0.10	0.040	mg/L			02/25/25 17:54	1
Chloride	**3.4**		1.0	0.20	mg/L			02/25/25 17:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 16:55	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 16:55	1
Barium	**0.028**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 16:55	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 16:55	1
Boron	<0.022		0.080	0.022	mg/L		02/20/25 16:21	02/24/25 16:55	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 16:55	1
Calcium	**11**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 16:55	1
Chromium	**0.0048**		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 16:55	1
Cobalt	**0.00045**	**J**	0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 16:55	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 16:55	1
Lithium	**0.0033**	**J**	0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 16:55	1
Magnesium	**7.6**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 16:55	1

Client Sample ID: SCH-SGWA-25

Lab Sample ID: 680-262055-12

Date Collected: 02/19/25 14:24

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.023**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 16:55	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 16:55	1
Potassium	**0.74**		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 16:55	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 16:55	1
Sodium	**5.2**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 16:55	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 16:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/03/25 15:29	03/04/25 09:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**60**		5.0	2.2	mg/L			02/24/25 23:47	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**60**		5.0	2.2	mg/L			02/24/25 23:47	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/24/25 23:47	1
Total Dissolved Solids (SM 2540C-2011)	**92**		10	10	mg/L			02/25/25 18:04	1

Client Sample ID: SCH-PZ-13S

Lab Sample ID: 680-262055-13

Date Collected: 02/19/25 12:04

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.43**	**J**	1.0	0.40	mg/L			02/25/25 18:04	1
Fluoride	<0.040		0.10	0.040	mg/L			02/25/25 18:04	1
Chloride	**12**		1.0	0.20	mg/L			02/25/25 18:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 16:47	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 16:47	1
Barium	**0.041**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 16:47	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 16:47	1
Boron	<0.022		0.080	0.022	mg/L		02/20/25 16:21	02/24/25 16:47	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 16:47	1
Calcium	**5.8**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 16:47	1
Chromium	**0.0036**		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 16:47	1
Cobalt	**0.0036**		0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 16:47	1
Iron	**0.24**		0.10	0.012	mg/L		02/20/25 16:21	02/24/25 16:47	1
Lead	**0.00069**	**J**	0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 16:47	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 16:47	1
Magnesium	**1.8**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 16:47	1
Manganese	**0.038**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 16:47	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 16:47	1
Potassium	**0.35**	**J**	0.50	0.044	mg/L		02/20/25 16:21	02/24/25 16:47	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 16:47	1
Sodium	**5.4**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 16:47	1

Client Sample ID: SCH-PZ-13S

Lab Sample ID: 680-262055-13

Date Collected: 02/19/25 12:04

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 16:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00069**		0.00020	0.000080	mg/L		03/03/25 15:29	03/04/25 09:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**17**		5.0	2.2	mg/L			02/24/25 23:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**17**		5.0	2.2	mg/L			02/24/25 23:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/24/25 23:55	1
Total Dissolved Solids (SM 2540C-2011)	**53**		10	10	mg/L			02/25/25 18:04	1
Sulfide (SW846 9034)	<10	F1 F2	10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-PZ-14S

Lab Sample ID: 680-262055-14

Date Collected: 02/19/25 13:52

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/25/25 18:14	1
Fluoride	<0.040		0.10	0.040	mg/L			02/25/25 18:14	1
Chloride	**5.4**		1.0	0.20	mg/L			02/25/25 18:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 17:25	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 17:25	1
Barium	**0.038**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 17:25	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 17:25	1
Boron	**0.050**	**J**	0.080	0.022	mg/L		02/20/25 16:21	02/24/25 17:25	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 17:25	1
Calcium	**5.2**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 17:25	1
Chromium	**0.0024**		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 17:25	1
Cobalt	**0.00023**	**J**	0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 17:25	1
Iron	**0.061**	**J**	0.10	0.012	mg/L		02/20/25 16:21	02/24/25 17:25	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 17:25	1
Lithium	**0.0031**	**J**	0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 17:25	1
Magnesium	**3.4**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 17:25	1
Manganese	**0.018**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 17:25	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 17:25	1
Potassium	**0.74**		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 17:25	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 17:25	1
Sodium	**2.3**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 17:25	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 17:25	1

Client Sample ID: SCH-PZ-14S

Lab Sample ID: 680-262055-14

Date Collected: 02/19/25 13:52

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 11:27	03/04/25 18:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**23**		5.0	2.2	mg/L			02/24/25 23:38	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**23**		5.0	2.2	mg/L			02/24/25 23:38	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/24/25 23:38	1
Total Dissolved Solids (SM 2540C-2011)	**52**		10	10	mg/L			02/25/25 18:04	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-AP1-FD-1

Lab Sample ID: 680-262055-15

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**130**		10	4.0	mg/L			02/27/25 17:57	10
Fluoride	<0.040	F1 F2	0.10	0.040	mg/L			02/26/25 17:45	1
Chloride	**17**	**F1 F2**	1.0	0.20	mg/L			02/26/25 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 17:23	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 17:23	1
Barium	**0.047**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 17:23	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 17:23	1
Boron	**1.6**		0.080	0.022	mg/L		02/20/25 16:21	02/24/25 17:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 17:23	1
Calcium	**33**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 17:23	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 17:23	1
Cobalt	**0.00066**	**J**	0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 17:23	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 17:23	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 17:23	1
Magnesium	**21**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 17:23	1
Manganese	**0.11**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 17:23	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 17:23	1
Potassium	**0.58**		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 17:23	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 17:23	1
Sodium	**47**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 17:23	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 17:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/03/25 15:25	03/04/25 10:53	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-1

Client Sample ID: SCH-AP1-FD-1

Lab Sample ID: 680-262055-15

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**93**		5.0	2.2	mg/L			02/25/25 01:16	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**93**		5.0	2.2	mg/L			02/25/25 01:16	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 01:16	1
Total Dissolved Solids (SM 2540C-2011)	**320**		40	40	mg/L			02/25/25 18:04	1

Client Sample ID: SCH-AP1-FB-1

Lab Sample ID: 680-262055-16

Date Collected: 02/19/25 14:28

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/26/25 18:15	1
Fluoride	<0.040		0.10	0.040	mg/L			02/26/25 18:15	1
Chloride	<0.20		1.0	0.20	mg/L			02/26/25 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 16:49	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 16:49	1
Barium	<0.00089		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 16:49	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 16:49	1
Boron	<0.022		0.080	0.022	mg/L		02/20/25 16:21	02/24/25 16:49	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 16:49	1
Calcium	<0.14		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 16:49	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 16:49	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 16:49	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 16:49	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 16:49	1
Magnesium	<0.023		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 16:49	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 16:49	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 16:49	1
Potassium	<0.044		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 16:49	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 16:49	1
Sodium	<0.20		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 16:49	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 16:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/03/25 15:29	03/04/25 09:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 01:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 01:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 01:36	1

Client Sample ID: SCH-AP1-FB-1

Lab Sample ID: 680-262055-16

Date Collected: 02/19/25 14:28

Matrix: Water

Date Received: 02/20/25 11:50

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/25/25 18:04	1

Client Sample ID: SCH-AP1-FD-2

Lab Sample ID: 680-262055-17

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**72**		5.0	2.0	mg/L			02/26/25 18:25	5
Fluoride	<0.20		0.50	0.20	mg/L			02/26/25 18:25	5
Chloride	**8.9**		5.0	1.0	mg/L			02/26/25 18:25	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 17:19	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 17:19	1
Barium	**0.067**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 17:19	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 17:19	1
Boron	**0.025**	**J**	0.080	0.022	mg/L		02/20/25 16:21	02/24/25 17:19	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 17:19	1
Calcium	**23**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 17:19	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 17:19	1
Cobalt	**0.0016**	**J**	0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 17:19	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 17:19	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 17:19	1
Magnesium	**14**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 17:19	1
Manganese	**0.52**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 17:19	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 17:19	1
Potassium	**0.74**		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 17:19	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 17:19	1
Sodium	**17**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 17:19	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 17:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/03/25 15:29	03/04/25 09:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**65**		5.0	2.2	mg/L			02/25/25 01:30	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**65**		5.0	2.2	mg/L			02/25/25 01:30	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 01:30	1
Total Dissolved Solids (SM 2540C-2011)	**220**		10	10	mg/L			02/25/25 18:04	1

Client Sample ID: SCH-AP1-EB-2

Lab Sample ID: 680-262055-18

Date Collected: 02/19/25 16:48

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/26/25 18:35	1
Fluoride	<0.040		0.10	0.040	mg/L			02/26/25 18:35	1
Chloride	<0.20		1.0	0.20	mg/L			02/26/25 18:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 16:45	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 16:45	1
Barium	<0.00089		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 16:45	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 16:45	1
Boron	**0.025**	**J**	0.080	0.022	mg/L		02/20/25 16:21	02/24/25 16:45	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 16:45	1
Calcium	<0.14		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 16:45	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 16:45	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 16:45	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 16:45	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 16:45	1
Magnesium	**0.024**	**J**	0.50	0.023	mg/L		02/20/25 16:21	02/24/25 16:45	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 16:45	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 16:45	1
Potassium	<0.044		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 16:45	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 16:45	1
Sodium	<0.20		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 16:45	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 16:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 11:27	03/04/25 18:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 01:21	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 01:21	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 01:21	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/25/25 18:04	1

Client Sample ID: SCH-AP1-FD-3

Lab Sample ID: 680-262055-19

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40	F2	1.0	0.40	mg/L			02/27/25 17:28	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 17:28	1
Chloride	**12**		1.0	0.20	mg/L			02/27/25 17:28	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-1

Client Sample ID: SCH-AP1-FD-3

Lab Sample ID: 680-262055-19

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 17:13	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 17:13	1
Barium	**0.048**		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 17:13	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 17:13	1
Boron	**0.035**	**J**	0.080	0.022	mg/L		02/20/25 16:21	02/24/25 17:13	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 17:13	1
Calcium	**6.4**		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 17:13	1
Chromium	**0.0032**		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 17:13	1
Cobalt	**0.0037**		0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 17:13	1
Iron	**0.18**		0.10	0.012	mg/L		02/20/25 16:21	02/24/25 17:13	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 17:13	1
Lithium	**0.0034**	**J**	0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 17:13	1
Magnesium	**1.9**		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 17:13	1
Manganese	**0.039**		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 17:13	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 17:13	1
Potassium	**0.37**	**J**	0.50	0.044	mg/L		02/20/25 16:21	02/24/25 17:13	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 17:13	1
Sodium	**5.8**		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 17:13	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 17:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00070**		0.00020	0.000080	mg/L		03/03/25 15:29	03/04/25 09:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**38**		5.0	2.2	mg/L			02/25/25 01:50	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**38**		5.0	2.2	mg/L			02/25/25 01:50	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 01:50	1
Total Dissolved Solids (SM 2540C-2011)	**55**		10	10	mg/L			02/25/25 18:04	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-AP1-FB-3

Lab Sample ID: 680-262055-20

Date Collected: 02/19/25 13:42

Matrix: Water

Date Received: 02/20/25 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/26/25 18:54	1
Fluoride	<0.040		0.10	0.040	mg/L			02/26/25 18:54	1
Chloride	<0.20		1.0	0.20	mg/L			02/26/25 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 17:11	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 17:11	1
Barium	<0.00089		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 17:11	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 17:11	1

Eurofins Savannah

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-1

Client Sample ID: SCH-AP1-FB-3

Date Collected: 02/19/25 13:42
Date Received: 02/20/25 11:50

Lab Sample ID: 680-262055-20

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.052**	**J**	0.080	0.022	mg/L		02/20/25 16:21	02/24/25 17:11	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 17:11	1
Calcium	<0.14		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 17:11	1
Chromium	**0.0013**	**J**	0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 17:11	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 17:11	1
Iron	<0.012		0.10	0.012	mg/L		02/20/25 16:21	02/24/25 17:11	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 17:11	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 17:11	1
Magnesium	**0.064**	**J**	0.50	0.023	mg/L		02/20/25 16:21	02/24/25 17:11	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 17:11	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 17:11	1
Potassium	<0.044		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 17:11	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 17:11	1
Sodium	<0.20		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 17:11	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 17:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/03/25 15:25	03/04/25 11:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 01:42	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 01:42	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 01:42	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/25/25 18:04	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

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

Lab Sample ID: MB 680-876918/2
Matrix: Water
Analysis Batch: 876918

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/25/25 10:52	1
Fluoride	<0.040		0.10	0.040	mg/L			02/25/25 10:52	1
Chloride	<0.20		1.0	0.20	mg/L			02/25/25 10:52	1

Lab Sample ID: LCS 680-876918/3
Matrix: Water
Analysis Batch: 876918

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.7		mg/L		107	90 - 110
Fluoride	2.00	1.93		mg/L		97	90 - 110
Chloride	10.0	9.93		mg/L		99	90 - 110

Lab Sample ID: LCSD 680-876918/4
Matrix: Water
Analysis Batch: 876918

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	10.7		mg/L		107	90 - 110	0	15
Fluoride	2.00	1.94		mg/L		97	90 - 110	0	15
Chloride	10.0	9.96		mg/L		100	90 - 110	0	15

Lab Sample ID: 680-262055-5 MS
Matrix: Water
Analysis Batch: 876918

Client Sample ID: SCH-SGWC-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	36	F1	10.0	49.0	E F1	mg/L		128	80 - 120
Fluoride	<0.040		2.00	1.93		mg/L		97	80 - 120
Chloride	9.6		10.0	19.7		mg/L		100	80 - 120

Lab Sample ID: 680-262055-5 MSD
Matrix: Water
Analysis Batch: 876918

Client Sample ID: SCH-SGWC-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	36	F1	10.0	48.7	E F1	mg/L		125	80 - 120	1	15
Fluoride	<0.040		2.00	1.92		mg/L		96	80 - 120	0	15
Chloride	9.6		10.0	19.6		mg/L		100	80 - 120	0	15

Lab Sample ID: MB 680-877074/2
Matrix: Water
Analysis Batch: 877074

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/26/25 11:12	1
Fluoride	<0.040		0.10	0.040	mg/L			02/26/25 11:12	1
Chloride	<0.20		1.0	0.20	mg/L			02/26/25 11:12	1

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

Lab Sample ID: LCS 680-877074/3
Matrix: Water
Analysis Batch: 877074

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.4		mg/L		104	90 - 110
Fluoride	2.00	1.82		mg/L		91	90 - 110
Chloride	10.0	9.71		mg/L		97	90 - 110

Lab Sample ID: LCSD 680-877074/4
Matrix: Water
Analysis Batch: 877074

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	10.2		mg/L		102	90 - 110	1	15
Fluoride	2.00	1.82		mg/L		91	90 - 110	0	15
Chloride	10.0	9.66		mg/L		97	90 - 110	1	15

Lab Sample ID: 680-262034-D-1 MS
Matrix: Water
Analysis Batch: 877074

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	9.8		10.0	21.6		mg/L		118	80 - 120

Lab Sample ID: 680-262034-D-1 MSD
Matrix: Water
Analysis Batch: 877074

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	9.8		10.0	21.6		mg/L		118	80 - 120	0	15

Lab Sample ID: MB 680-877077/2
Matrix: Water
Analysis Batch: 877077

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/26/25 11:44	1
Fluoride	<0.040		0.10	0.040	mg/L			02/26/25 11:44	1
Chloride	<0.20		1.0	0.20	mg/L			02/26/25 11:44	1

Lab Sample ID: LCS 680-877077/3
Matrix: Water
Analysis Batch: 877077

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.8		mg/L		108	90 - 110
Fluoride	2.00	2.02		mg/L		101	90 - 110
Chloride	10.0	9.96		mg/L		100	90 - 110

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

Lab Sample ID: LCSD 680-877077/4
Matrix: Water
Analysis Batch: 877077

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.8		mg/L		108	90 - 110	1	15
Fluoride			2.00	2.01		mg/L		101	90 - 110	1	15
Chloride			10.0	9.96		mg/L		100	90 - 110	0	15

Lab Sample ID: 680-262055-15 MS
Matrix: Water
Analysis Batch: 877077

Client Sample ID: SCH-AP1-FD-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	170	E	10.0	177	E 4	mg/L		109	80 - 120
Fluoride	<0.040	F1 F2	2.00	1.63		mg/L		81	80 - 120
Chloride	17	F1 F2	10.0	24.5	E F1	mg/L		78	80 - 120

Lab Sample ID: 680-262055-15 MSD
Matrix: Water
Analysis Batch: 877077

Client Sample ID: SCH-AP1-FD-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	170	E	10.0	169	E 4	mg/L		31	80 - 120	5	15
Fluoride	<0.040	F1 F2	2.00	0.604	F1 F2	mg/L		30	80 - 120	92	15
Chloride	17	F1 F2	10.0	19.5	F1 F2	mg/L		28	80 - 120	23	15

Lab Sample ID: MB 680-877229/2
Matrix: Water
Analysis Batch: 877229

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/27/25 10:15	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 10:15	1
Chloride	<0.20		1.0	0.20	mg/L			02/27/25 10:15	1

Lab Sample ID: LCS 680-877229/3
Matrix: Water
Analysis Batch: 877229

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate			10.0	11.0		mg/L		110	90 - 110
Fluoride			2.00	2.05		mg/L		103	90 - 110
Chloride			10.0	9.99		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-877229/4
Matrix: Water
Analysis Batch: 877229

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.9		mg/L		109	90 - 110	0	15
Fluoride			2.00	2.04		mg/L		102	90 - 110	0	15
Chloride			10.0	9.98		mg/L		100	90 - 110	0	15

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

Lab Sample ID: 680-262055-19 MS
Matrix: Water
Analysis Batch: 877229

Client Sample ID: SCH-AP1-FD-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	<0.40	F2	10.0	8.46		mg/L		85	80 - 120
Fluoride	<0.040		2.00	1.65		mg/L		83	80 - 120
Chloride	12		10.0	19.6		mg/L		80	80 - 120

Lab Sample ID: 680-262055-19 MSD
Matrix: Water
Analysis Batch: 877229

Client Sample ID: SCH-AP1-FD-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	<0.40	F2	10.0	10.1	F2	mg/L		101	80 - 120	18	15
Fluoride	<0.040		2.00	1.93		mg/L		96	80 - 120	15	15
Chloride	12		10.0	20.6	E	mg/L		91	80 - 120	5	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-876542/1-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876542

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/25 16:21	02/24/25 16:31	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/25 16:21	02/24/25 16:31	1
Barium	<0.00089		0.010	0.00089	mg/L		02/20/25 16:21	02/24/25 16:31	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/25 16:21	02/24/25 16:31	1
Boron	<0.022		0.080	0.022	mg/L		02/20/25 16:21	02/24/25 16:31	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/25 16:21	02/24/25 16:31	1
Calcium	<0.14		0.50	0.14	mg/L		02/20/25 16:21	02/24/25 16:31	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/25 16:21	02/24/25 16:31	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/20/25 16:21	02/24/25 16:31	1
Iron	<0.012		0.10	0.012	mg/L		02/20/25 16:21	02/24/25 16:31	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/25 16:21	02/24/25 16:31	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/20/25 16:21	02/24/25 16:31	1
Magnesium	<0.023		0.50	0.023	mg/L		02/20/25 16:21	02/24/25 16:31	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/20/25 16:21	02/24/25 16:31	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/20/25 16:21	02/24/25 16:31	1
Potassium	<0.044		0.50	0.044	mg/L		02/20/25 16:21	02/24/25 16:31	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/25 16:21	02/24/25 16:31	1
Sodium	<0.20		0.50	0.20	mg/L		02/20/25 16:21	02/24/25 16:31	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/25 16:21	02/24/25 16:31	1

Lab Sample ID: LCS 680-876542/2-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876542

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0504		mg/L		101	80 - 120
Arsenic	0.100	0.105		mg/L		105	80 - 120
Barium	0.100	0.103		mg/L		103	80 - 120
Beryllium	0.0500	0.0529		mg/L		106	80 - 120

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

Lab Sample ID: LCS 680-876542/2-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876542

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			0.400	0.407		mg/L		102	80 - 120		
Cadmium			0.0500	0.0532		mg/L		106	80 - 120		
Calcium			5.00	5.40		mg/L		108	80 - 120		
Chromium			0.100	0.112		mg/L		112	80 - 120		
Cobalt			0.0500	0.0492		mg/L		98	80 - 120		
Iron			5.00	5.48		mg/L		110	80 - 120		
Lead			0.500	0.528		mg/L		106	80 - 120		
Lithium			0.500	0.516		mg/L		103	80 - 120		
Magnesium			5.00	4.96		mg/L		99	80 - 120		
Manganese			0.400	0.426		mg/L		107	80 - 120		
Molybdenum			0.100	0.101		mg/L		101	80 - 120		
Potassium			7.00	7.67		mg/L		110	80 - 120		
Selenium			0.100	0.100		mg/L		100	80 - 120		
Sodium			5.00	5.51		mg/L		110	80 - 120		
Thallium			0.0500	0.0534		mg/L		107	80 - 120		

Lab Sample ID: 680-262055-1 MS
Matrix: Water
Analysis Batch: 876876

Client Sample ID: SCH-SGWA-4
Prep Type: Total Recoverable
Prep Batch: 876542

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	<0.00034		0.0500	0.0482		mg/L		96	75 - 125		
Arsenic	<0.00086		0.100	0.0999		mg/L		100	75 - 125		
Barium	0.077		0.100	0.178		mg/L		101	75 - 125		
Beryllium	<0.00020		0.0500	0.0506		mg/L		101	75 - 125		
Boron	0.032	J	0.400	0.415		mg/L		96	75 - 125		
Cadmium	<0.000078		0.0500	0.0511		mg/L		102	75 - 125		
Calcium	21		5.00	26.0	4	mg/L		109	75 - 125		
Chromium	0.0056		0.100	0.108		mg/L		102	75 - 125		
Cobalt	<0.00022		0.0500	0.0465		mg/L		93	75 - 125		
Iron	<12		5.00	5.18		mg/L		104	75 - 125		
Lead	<0.00021		0.500	0.501		mg/L		100	75 - 125		
Lithium	0.0037	J	0.500	0.488		mg/L		97	75 - 125		
Magnesium	7.2		5.00	12.6		mg/L		107	75 - 125		
Manganese	0.15	F1 F2	0.400	0.406	F1	mg/L		64	75 - 125		
Molybdenum	<0.00086		0.100	0.0967		mg/L		97	75 - 125		
Potassium	2.0		7.00	9.43		mg/L		107	75 - 125		
Selenium	<0.00099		0.100	0.0958		mg/L		96	75 - 125		
Sodium	9.2		5.00	14.1		mg/L		97	75 - 125		
Thallium	<0.00026		0.0500	0.0515		mg/L		103	75 - 125		

Lab Sample ID: 680-262055-1 MSD
Matrix: Water
Analysis Batch: 876876

Client Sample ID: SCH-SGWA-4
Prep Type: Total Recoverable
Prep Batch: 876542

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0493		mg/L		99	75 - 125	2	20
Arsenic	<0.00086		0.100	0.102		mg/L		102	75 - 125	2	20
Barium	0.077		0.100	0.181		mg/L		105	75 - 125	2	20

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

Lab Sample ID: 680-262055-1 MSD
Matrix: Water
Analysis Batch: 876876

Client Sample ID: SCH-SGWA-4
Prep Type: Total Recoverable
Prep Batch: 876542

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	<0.00020		0.0500	0.0526		mg/L		105	75 - 125	4	20
Boron	0.032	J	0.400	0.421		mg/L		97	75 - 125	1	20
Cadmium	<0.000078		0.0500	0.0530		mg/L		106	75 - 125	4	20
Calcium	21		5.00	27.0	4	mg/L		128	75 - 125	4	20
Chromium	0.0056		0.100	0.110		mg/L		104	75 - 125	2	20
Cobalt	<0.00022		0.0500	0.0475		mg/L		95	75 - 125	2	20
Iron	<12		5.00	5.27		mg/L		105	75 - 125	2	20
Lead	<0.00021		0.500	0.506		mg/L		101	75 - 125	1	20
Lithium	0.0037	J	0.500	0.503		mg/L		100	75 - 125	3	20
Magnesium	7.2		5.00	12.7		mg/L		110	75 - 125	1	20
Manganese	0.15	F1 F2	0.400	0.596	F2	mg/L		112	75 - 125	38	20
Molybdenum	<0.00086		0.100	0.0989		mg/L		99	75 - 125	2	20
Potassium	2.0		7.00	9.77		mg/L		112	75 - 125	4	20
Selenium	<0.00099		0.100	0.102		mg/L		102	75 - 125	7	20
Sodium	9.2		5.00	14.9		mg/L		113	75 - 125	6	20
Thallium	<0.00026		0.0500	0.0526		mg/L		105	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-877599/1-A
Matrix: Water
Analysis Batch: 877703

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877599

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/03/25 15:25	03/04/25 10:36	1

Lab Sample ID: LCS 680-877599/2-A
Matrix: Water
Analysis Batch: 877703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877599

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00253		mg/L		101	80 - 120		

Lab Sample ID: 680-262055-4 MS
Matrix: Water
Analysis Batch: 877703

Client Sample ID: SCH-SGWC-9
Prep Type: Total/NA
Prep Batch: 877599

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.000924		mg/L		92	80 - 120		

Lab Sample ID: 680-262055-4 MSD
Matrix: Water
Analysis Batch: 877703

Client Sample ID: SCH-SGWC-9
Prep Type: Total/NA
Prep Batch: 877599

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000934		mg/L		93	80 - 120	1	20

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

Lab Sample ID: MB 680-877604/1-A
Matrix: Water
Analysis Batch: 877703

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877604

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/03/25 15:29	03/04/25 09:25	1

Lab Sample ID: LCS 680-877604/2-A
Matrix: Water
Analysis Batch: 877703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877604

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00249		mg/L		100	80 - 120		

Lab Sample ID: 680-262055-6 MS
Matrix: Water
Analysis Batch: 877703

Client Sample ID: SCH-SGWC-12
Prep Type: Total/NA
Prep Batch: 877604

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080	F1	0.00100	0.000650	F1	mg/L		65	80 - 120		

Lab Sample ID: 680-262055-6 MSD
Matrix: Water
Analysis Batch: 877703

Client Sample ID: SCH-SGWC-12
Prep Type: Total/NA
Prep Batch: 877604

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080	F1	0.00100	0.000629	F1	mg/L		63	80 - 120	3	20

Lab Sample ID: MB 680-877687/1-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877687

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 11:27	03/04/25 17:20	1

Lab Sample ID: LCS 680-877687/2-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877687

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00256		mg/L		102	80 - 120		

Lab Sample ID: 400-271485-I-2-D MSD
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 877687

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00112		mg/L					

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-876995/4
Matrix: Water
Analysis Batch: 876995

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/24/25 22:12	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/24/25 22:12	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/24/25 22:12	1

Lab Sample ID: LCS 680-876995/6
Matrix: Water
Analysis Batch: 876995

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	245		mg/L		98	90 - 112		

Lab Sample ID: LCSD 680-876995/31
Matrix: Water
Analysis Batch: 876995

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	248		mg/L		99	90 - 112	1	30

Lab Sample ID: 680-262055-5 DU
Matrix: Water
Analysis Batch: 876995

Client Sample ID: SCH-SGWC-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	38			16.2	F3	mg/L				81	30
Bicarbonate Alkalinity as CaCO3	38			16.2	F3	mg/L				81	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Lab Sample ID: 680-262055-6 DU
Matrix: Water
Analysis Batch: 876995

Client Sample ID: SCH-SGWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	67			64.2		mg/L				4	30
Bicarbonate Alkalinity as CaCO3	67			64.2		mg/L				4	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

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

Lab Sample ID: MB 680-876844/1
Matrix: Water
Analysis Batch: 876844

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/24/25 17:56	1

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

Lab Sample ID: LCS 680-876844/2
Matrix: Water
Analysis Batch: 876844

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2390		mg/L		98	80 - 120

Lab Sample ID: LCSD 680-876844/3
Matrix: Water
Analysis Batch: 876844

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2390		mg/L		98	80 - 120	0	25

Lab Sample ID: 680-262055-4 DU
Matrix: Water
Analysis Batch: 876844

Client Sample ID: SCH-SGWC-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	310		318		mg/L		1	5

Lab Sample ID: 680-262055-10 DU
Matrix: Water
Analysis Batch: 876844

Client Sample ID: SCH-SGWC-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	520		518		mg/L		1	5

Lab Sample ID: MB 680-877013/1
Matrix: Water
Analysis Batch: 877013

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/25/25 18:04	1

Lab Sample ID: LCS 680-877013/2
Matrix: Water
Analysis Batch: 877013

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2440		mg/L		100	80 - 120

Lab Sample ID: LCSD 680-877013/3
Matrix: Water
Analysis Batch: 877013

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2410		mg/L		99	80 - 120	1	25

Lab Sample ID: 680-262055-15 DU
Matrix: Water
Analysis Batch: 877013

Client Sample ID: SCH-AP1-FD-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	320		316		mg/L		0	5

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 680-876994/1-A
Matrix: Water
Analysis Batch: 877009

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 876994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Lab Sample ID: LCS 680-876994/2-A
Matrix: Water
Analysis Batch: 877009

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 876994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	208	112		mg/L		54	50 - 150

Lab Sample ID: LCSD 680-876994/3-A
Matrix: Water
Analysis Batch: 877009

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 876994

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	208	112		mg/L		54	50 - 150	1	50

Lab Sample ID: 680-262055-13 MS
Matrix: Water
Analysis Batch: 877009

Client Sample ID: SCH-PZ-13S
Prep Type: Total/NA
Prep Batch: 876994

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	<10	F1 F2	208	51.3	F1	mg/L		25	50 - 150

Lab Sample ID: 680-262055-13 MSD
Matrix: Water
Analysis Batch: 877009

Client Sample ID: SCH-PZ-13S
Prep Type: Total/NA
Prep Batch: 876994

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<10	F1 F2	208	123	F2	mg/L		59	50 - 150	82	50

Lab Sample ID: 680-262055-5 DU
Matrix: Water
Analysis Batch: 877009

Client Sample ID: SCH-SGWC-10
Prep Type: Total/NA
Prep Batch: 876994

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide	<10		<10		mg/L		NC	50

HPLC/IC

Analysis Batch: 876918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-1	SCH-SGWA-4	Total/NA	Water	300.0-1993 R2.1	
680-262055-2	SCH-SGWC-7	Total/NA	Water	300.0-1993 R2.1	
680-262055-3	SCH-SGWC-8	Total/NA	Water	300.0-1993 R2.1	
680-262055-4	SCH-SGWC-9	Total/NA	Water	300.0-1993 R2.1	
680-262055-5	SCH-SGWC-10	Total/NA	Water	300.0-1993 R2.1	
680-262055-6	SCH-SGWC-12	Total/NA	Water	300.0-1993 R2.1	
680-262055-7	SCH-SGWC-13	Total/NA	Water	300.0-1993 R2.1	
680-262055-8	SCH-SGWC-14	Total/NA	Water	300.0-1993 R2.1	
680-262055-9	SCH-SGWC-16	Total/NA	Water	300.0-1993 R2.1	
680-262055-10	SCH-SGWC-17	Total/NA	Water	300.0-1993 R2.1	
680-262055-11	SCH-SGWA-24	Total/NA	Water	300.0-1993 R2.1	
680-262055-12	SCH-SGWA-25	Total/NA	Water	300.0-1993 R2.1	
680-262055-13	SCH-PZ-13S	Total/NA	Water	300.0-1993 R2.1	
680-262055-14	SCH-PZ-14S	Total/NA	Water	300.0-1993 R2.1	
MB 680-876918/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-876918/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-876918/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262055-5 MS	SCH-SGWC-10	Total/NA	Water	300.0-1993 R2.1	
680-262055-5 MSD	SCH-SGWC-10	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-6	SCH-SGWC-12	Total/NA	Water	300.0-1993 R2.1	
MB 680-877074/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877074/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877074/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262034-D-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262034-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-15	SCH-AP1-FD-1	Total/NA	Water	300.0-1993 R2.1	
680-262055-16	SCH-AP1-FB-1	Total/NA	Water	300.0-1993 R2.1	
680-262055-17	SCH-AP1-FD-2	Total/NA	Water	300.0-1993 R2.1	
680-262055-18	SCH-AP1-EB-2	Total/NA	Water	300.0-1993 R2.1	
680-262055-20	SCH-AP1-FB-3	Total/NA	Water	300.0-1993 R2.1	
MB 680-877077/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877077/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877077/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262055-15 MS	SCH-AP1-FD-1	Total/NA	Water	300.0-1993 R2.1	
680-262055-15 MSD	SCH-AP1-FD-1	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-15	SCH-AP1-FD-1	Total/NA	Water	300.0-1993 R2.1	
680-262055-19	SCH-AP1-FD-3	Total/NA	Water	300.0-1993 R2.1	
MB 680-877229/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877229/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877229/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262055-19 MS	SCH-AP1-FD-3	Total/NA	Water	300.0-1993 R2.1	
680-262055-19 MSD	SCH-AP1-FD-3	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 876542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-1	SCH-SGWA-4	Total Recoverable	Water	3005A	
680-262055-2	SCH-SGWC-7	Total Recoverable	Water	3005A	
680-262055-3	SCH-SGWC-8	Total Recoverable	Water	3005A	
680-262055-4	SCH-SGWC-9	Total Recoverable	Water	3005A	
680-262055-5	SCH-SGWC-10	Total Recoverable	Water	3005A	
680-262055-6	SCH-SGWC-12	Total Recoverable	Water	3005A	
680-262055-7	SCH-SGWC-13	Total Recoverable	Water	3005A	
680-262055-8	SCH-SGWC-14	Total Recoverable	Water	3005A	
680-262055-9	SCH-SGWC-16	Total Recoverable	Water	3005A	
680-262055-10	SCH-SGWC-17	Total Recoverable	Water	3005A	
680-262055-11	SCH-SGWA-24	Total Recoverable	Water	3005A	
680-262055-12	SCH-SGWA-25	Total Recoverable	Water	3005A	
680-262055-13	SCH-PZ-13S	Total Recoverable	Water	3005A	
680-262055-14	SCH-PZ-14S	Total Recoverable	Water	3005A	
680-262055-15	SCH-AP1-FD-1	Total Recoverable	Water	3005A	
680-262055-16	SCH-AP1-FB-1	Total Recoverable	Water	3005A	
680-262055-17	SCH-AP1-FD-2	Total Recoverable	Water	3005A	
680-262055-18	SCH-AP1-EB-2	Total Recoverable	Water	3005A	
680-262055-19	SCH-AP1-FD-3	Total Recoverable	Water	3005A	
680-262055-20	SCH-AP1-FB-3	Total Recoverable	Water	3005A	
MB 680-876542/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-876542/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262055-1 MS	SCH-SGWA-4	Total Recoverable	Water	3005A	
680-262055-1 MSD	SCH-SGWA-4	Total Recoverable	Water	3005A	

Analysis Batch: 876876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-1	SCH-SGWA-4	Total Recoverable	Water	6020B	876542
680-262055-2	SCH-SGWC-7	Total Recoverable	Water	6020B	876542
680-262055-3	SCH-SGWC-8	Total Recoverable	Water	6020B	876542
680-262055-4	SCH-SGWC-9	Total Recoverable	Water	6020B	876542
680-262055-5	SCH-SGWC-10	Total Recoverable	Water	6020B	876542
680-262055-6	SCH-SGWC-12	Total Recoverable	Water	6020B	876542
680-262055-7	SCH-SGWC-13	Total Recoverable	Water	6020B	876542
680-262055-8	SCH-SGWC-14	Total Recoverable	Water	6020B	876542
680-262055-9	SCH-SGWC-16	Total Recoverable	Water	6020B	876542
680-262055-10	SCH-SGWC-17	Total Recoverable	Water	6020B	876542
680-262055-11	SCH-SGWA-24	Total Recoverable	Water	6020B	876542
680-262055-12	SCH-SGWA-25	Total Recoverable	Water	6020B	876542
680-262055-13	SCH-PZ-13S	Total Recoverable	Water	6020B	876542
680-262055-14	SCH-PZ-14S	Total Recoverable	Water	6020B	876542
680-262055-15	SCH-AP1-FD-1	Total Recoverable	Water	6020B	876542
680-262055-16	SCH-AP1-FB-1	Total Recoverable	Water	6020B	876542
680-262055-17	SCH-AP1-FD-2	Total Recoverable	Water	6020B	876542
680-262055-18	SCH-AP1-EB-2	Total Recoverable	Water	6020B	876542
680-262055-19	SCH-AP1-FD-3	Total Recoverable	Water	6020B	876542
680-262055-20	SCH-AP1-FB-3	Total Recoverable	Water	6020B	876542
MB 680-876542/1-A	Method Blank	Total Recoverable	Water	6020B	876542
LCS 680-876542/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876542
680-262055-1 MS	SCH-SGWA-4	Total Recoverable	Water	6020B	876542
680-262055-1 MSD	SCH-SGWA-4	Total Recoverable	Water	6020B	876542

Metals

Prep Batch: 877599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-3	SCH-SGWC-8	Total/NA	Water	7470A	
680-262055-4	SCH-SGWC-9	Total/NA	Water	7470A	
680-262055-5	SCH-SGWC-10	Total/NA	Water	7470A	
680-262055-7	SCH-SGWC-13	Total/NA	Water	7470A	
680-262055-8	SCH-SGWC-14	Total/NA	Water	7470A	
680-262055-9	SCH-SGWC-16	Total/NA	Water	7470A	
680-262055-10	SCH-SGWC-17	Total/NA	Water	7470A	
680-262055-11	SCH-SGWA-24	Total/NA	Water	7470A	
680-262055-15	SCH-AP1-FD-1	Total/NA	Water	7470A	
680-262055-20	SCH-AP1-FB-3	Total/NA	Water	7470A	
MB 680-877599/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877599/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262055-4 MS	SCH-SGWC-9	Total/NA	Water	7470A	
680-262055-4 MSD	SCH-SGWC-9	Total/NA	Water	7470A	

Prep Batch: 877604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-6	SCH-SGWC-12	Total/NA	Water	7470A	
680-262055-12	SCH-SGWA-25	Total/NA	Water	7470A	
680-262055-13	SCH-PZ-13S	Total/NA	Water	7470A	
680-262055-16	SCH-AP1-FB-1	Total/NA	Water	7470A	
680-262055-17	SCH-AP1-FD-2	Total/NA	Water	7470A	
680-262055-19	SCH-AP1-FD-3	Total/NA	Water	7470A	
MB 680-877604/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877604/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262055-6 MS	SCH-SGWC-12	Total/NA	Water	7470A	
680-262055-6 MSD	SCH-SGWC-12	Total/NA	Water	7470A	

Prep Batch: 877687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-1	SCH-SGWA-4	Total/NA	Water	7470A	
680-262055-2	SCH-SGWC-7	Total/NA	Water	7470A	
680-262055-14	SCH-PZ-14S	Total/NA	Water	7470A	
680-262055-18	SCH-AP1-EB-2	Total/NA	Water	7470A	
MB 680-877687/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877687/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-271485-I-2-C MS	Matrix Spike	Total/NA	Water	7470A	
400-271485-I-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 877703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-3	SCH-SGWC-8	Total/NA	Water	7470A	877599
680-262055-4	SCH-SGWC-9	Total/NA	Water	7470A	877599
680-262055-5	SCH-SGWC-10	Total/NA	Water	7470A	877599
680-262055-6	SCH-SGWC-12	Total/NA	Water	7470A	877604
680-262055-7	SCH-SGWC-13	Total/NA	Water	7470A	877599
680-262055-8	SCH-SGWC-14	Total/NA	Water	7470A	877599
680-262055-9	SCH-SGWC-16	Total/NA	Water	7470A	877599
680-262055-10	SCH-SGWC-17	Total/NA	Water	7470A	877599
680-262055-11	SCH-SGWA-24	Total/NA	Water	7470A	877599
680-262055-12	SCH-SGWA-25	Total/NA	Water	7470A	877604

Metals (Continued)

Analysis Batch: 877703 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-13	SCH-PZ-13S	Total/NA	Water	7470A	877604
680-262055-15	SCH-AP1-FD-1	Total/NA	Water	7470A	877599
680-262055-16	SCH-AP1-FB-1	Total/NA	Water	7470A	877604
680-262055-17	SCH-AP1-FD-2	Total/NA	Water	7470A	877604
680-262055-19	SCH-AP1-FD-3	Total/NA	Water	7470A	877604
680-262055-20	SCH-AP1-FB-3	Total/NA	Water	7470A	877599
MB 680-877599/1-A	Method Blank	Total/NA	Water	7470A	877599
MB 680-877604/1-A	Method Blank	Total/NA	Water	7470A	877604
LCS 680-877599/2-A	Lab Control Sample	Total/NA	Water	7470A	877599
LCS 680-877604/2-A	Lab Control Sample	Total/NA	Water	7470A	877604
680-262055-4 MS	SCH-SGWC-9	Total/NA	Water	7470A	877599
680-262055-4 MSD	SCH-SGWC-9	Total/NA	Water	7470A	877599
680-262055-6 MS	SCH-SGWC-12	Total/NA	Water	7470A	877604
680-262055-6 MSD	SCH-SGWC-12	Total/NA	Water	7470A	877604

Analysis Batch: 877813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-1	SCH-SGWA-4	Total/NA	Water	7470A	877687
680-262055-2	SCH-SGWC-7	Total/NA	Water	7470A	877687
680-262055-14	SCH-PZ-14S	Total/NA	Water	7470A	877687
680-262055-18	SCH-AP1-EB-2	Total/NA	Water	7470A	877687
MB 680-877687/1-A	Method Blank	Total/NA	Water	7470A	877687
LCS 680-877687/2-A	Lab Control Sample	Total/NA	Water	7470A	877687
400-271485-I-2-C MS	Matrix Spike	Total/NA	Water	7470A	877687
400-271485-I-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	877687

General Chemistry

Analysis Batch: 876844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-1	SCH-SGWA-4	Total/NA	Water	2540C-2011	
680-262055-2	SCH-SGWC-7	Total/NA	Water	2540C-2011	
680-262055-3	SCH-SGWC-8	Total/NA	Water	2540C-2011	
680-262055-4	SCH-SGWC-9	Total/NA	Water	2540C-2011	
680-262055-5	SCH-SGWC-10	Total/NA	Water	2540C-2011	
680-262055-6	SCH-SGWC-12	Total/NA	Water	2540C-2011	
680-262055-7	SCH-SGWC-13	Total/NA	Water	2540C-2011	
680-262055-8	SCH-SGWC-14	Total/NA	Water	2540C-2011	
680-262055-9	SCH-SGWC-16	Total/NA	Water	2540C-2011	
680-262055-10	SCH-SGWC-17	Total/NA	Water	2540C-2011	
MB 680-876844/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-876844/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-876844/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262055-4 DU	SCH-SGWC-9	Total/NA	Water	2540C-2011	
680-262055-10 DU	SCH-SGWC-17	Total/NA	Water	2540C-2011	

Prep Batch: 876994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-5	SCH-SGWC-10	Total/NA	Water	9030B	
680-262055-13	SCH-PZ-13S	Total/NA	Water	9030B	
680-262055-14	SCH-PZ-14S	Total/NA	Water	9030B	

General Chemistry (Continued)

Prep Batch: 876994 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-19	SCH-AP1-FD-3	Total/NA	Water	9030B	
680-262055-20	SCH-AP1-FB-3	Total/NA	Water	9030B	
MB 680-876994/1-A	Method Blank	Total/NA	Water	9030B	
LCS 680-876994/2-A	Lab Control Sample	Total/NA	Water	9030B	
LCSD 680-876994/3-A	Lab Control Sample Dup	Total/NA	Water	9030B	
680-262055-13 MS	SCH-PZ-13S	Total/NA	Water	9030B	
680-262055-13 MSD	SCH-PZ-13S	Total/NA	Water	9030B	
680-262055-5 DU	SCH-SGWC-10	Total/NA	Water	9030B	

Analysis Batch: 876995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-1	SCH-SGWA-4	Total/NA	Water	2320B-2011	
680-262055-2	SCH-SGWC-7	Total/NA	Water	2320B-2011	
680-262055-3	SCH-SGWC-8	Total/NA	Water	2320B-2011	
680-262055-4	SCH-SGWC-9	Total/NA	Water	2320B-2011	
680-262055-5	SCH-SGWC-10	Total/NA	Water	2320B-2011	
680-262055-6	SCH-SGWC-12	Total/NA	Water	2320B-2011	
680-262055-7	SCH-SGWC-13	Total/NA	Water	2320B-2011	
680-262055-8	SCH-SGWC-14	Total/NA	Water	2320B-2011	
680-262055-9	SCH-SGWC-16	Total/NA	Water	2320B-2011	
680-262055-10	SCH-SGWC-17	Total/NA	Water	2320B-2011	
680-262055-11	SCH-SGWA-24	Total/NA	Water	2320B-2011	
680-262055-12	SCH-SGWA-25	Total/NA	Water	2320B-2011	
680-262055-13	SCH-PZ-13S	Total/NA	Water	2320B-2011	
680-262055-14	SCH-PZ-14S	Total/NA	Water	2320B-2011	
680-262055-15	SCH-AP1-FD-1	Total/NA	Water	2320B-2011	
680-262055-16	SCH-AP1-FB-1	Total/NA	Water	2320B-2011	
680-262055-17	SCH-AP1-FD-2	Total/NA	Water	2320B-2011	
680-262055-18	SCH-AP1-EB-2	Total/NA	Water	2320B-2011	
680-262055-19	SCH-AP1-FD-3	Total/NA	Water	2320B-2011	
680-262055-20	SCH-AP1-FB-3	Total/NA	Water	2320B-2011	
MB 680-876995/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-876995/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-876995/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262055-5 DU	SCH-SGWC-10	Total/NA	Water	2320B-2011	
680-262055-6 DU	SCH-SGWC-12	Total/NA	Water	2320B-2011	

Analysis Batch: 877009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-5	SCH-SGWC-10	Total/NA	Water	9034	876994
680-262055-13	SCH-PZ-13S	Total/NA	Water	9034	876994
680-262055-14	SCH-PZ-14S	Total/NA	Water	9034	876994
680-262055-19	SCH-AP1-FD-3	Total/NA	Water	9034	876994
680-262055-20	SCH-AP1-FB-3	Total/NA	Water	9034	876994
MB 680-876994/1-A	Method Blank	Total/NA	Water	9034	876994
LCS 680-876994/2-A	Lab Control Sample	Total/NA	Water	9034	876994
LCSD 680-876994/3-A	Lab Control Sample Dup	Total/NA	Water	9034	876994
680-262055-13 MS	SCH-PZ-13S	Total/NA	Water	9034	876994
680-262055-13 MSD	SCH-PZ-13S	Total/NA	Water	9034	876994
680-262055-5 DU	SCH-SGWC-10	Total/NA	Water	9034	876994

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-1

General Chemistry

Analysis Batch: 877013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-11	SCH-SGWA-24	Total/NA	Water	2540C-2011	
680-262055-12	SCH-SGWA-25	Total/NA	Water	2540C-2011	
680-262055-13	SCH-PZ-13S	Total/NA	Water	2540C-2011	
680-262055-14	SCH-PZ-14S	Total/NA	Water	2540C-2011	
680-262055-15	SCH-AP1-FD-1	Total/NA	Water	2540C-2011	
680-262055-16	SCH-AP1-FB-1	Total/NA	Water	2540C-2011	
680-262055-17	SCH-AP1-FD-2	Total/NA	Water	2540C-2011	
680-262055-18	SCH-AP1-EB-2	Total/NA	Water	2540C-2011	
680-262055-19	SCH-AP1-FD-3	Total/NA	Water	2540C-2011	
680-262055-20	SCH-AP1-FB-3	Total/NA	Water	2540C-2011	
MB 680-877013/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877013/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877013/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262055-15 DU	SCH-AP1-FD-1	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-1

Client Sample ID: SCH-SGWA-4

Lab Sample ID: 680-262055-1

Date Collected: 02/19/25 13:02

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876918	02/25/25 15:27	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 16:35	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877687	03/04/25 11:27	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:13	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/24/25 23:13	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-7

Lab Sample ID: 680-262055-2

Date Collected: 02/19/25 11:54

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876918	02/25/25 15:37	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 16:57	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877687	03/04/25 11:27	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:04	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/24/25 22:55	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-8

Lab Sample ID: 680-262055-3

Date Collected: 02/19/25 13:24

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	5 mL	5 mL	876918	02/25/25 15:47	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 16:59	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877599	03/03/25 15:25	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 10:48	BJB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-1

Client Sample ID: SCH-SGWC-8

Lab Sample ID: 680-262055-3

Date Collected: 02/19/25 13:24

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			876995	02/24/25 23:23	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-9

Lab Sample ID: 680-262055-4

Date Collected: 02/19/25 10:10

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	876918	02/25/25 15:57	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 17:05	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877599	03/03/25 15:25	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 10:41	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/24/25 23:04	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-10

Lab Sample ID: 680-262055-5

Date Collected: 02/19/25 14:45

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876918	02/25/25 16:26	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 17:03	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877599	03/03/25 15:25	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 11:02	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/24/25 22:37	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-SGWC-12

Lab Sample ID: 680-262055-6

Date Collected: 02/19/25 15:21

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	5 mL	5 mL	876918	02/25/25 16:55	AF	EET SAV
	Instrument ID: CICP									
Total/NA	Analysis	300.0-1993 R2.1		2	2 mL	2 mL	877074	02/26/25 15:46	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 16:43	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877604	03/03/25 15:29	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 09:30	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/25/25 00:32	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-13

Lab Sample ID: 680-262055-7

Date Collected: 02/19/25 15:35

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	876918	02/25/25 17:05	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 17:07	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877599	03/03/25 15:25	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 10:50	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/25/25 00:49	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-14

Lab Sample ID: 680-262055-8

Date Collected: 02/19/25 10:24

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	876918	02/25/25 17:15	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 17:09	BWR	EET SAV
	Instrument ID: ICPMSG									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-1

Client Sample ID: SCH-SGWC-14

Lab Sample ID: 680-262055-8

Date Collected: 02/19/25 10:24

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	877599	03/03/25 15:25	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 11:40	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/25/25 00:02	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-16

Lab Sample ID: 680-262055-9

Date Collected: 02/19/25 15:50

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	876918	02/25/25 17:25	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 16:41	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877599	03/03/25 15:25	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 11:35	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/24/25 23:29	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-17

Lab Sample ID: 680-262055-10

Date Collected: 02/19/25 13:18

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	876918	02/25/25 17:34	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 17:21	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877599	03/03/25 15:25	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 10:55	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/25/25 00:58	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWA-24

Lab Sample ID: 680-262055-11

Date Collected: 02/19/25 12:28

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876918	02/25/25 17:44	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 17:01	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877599	03/03/25 15:25	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 11:21	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/25/25 01:07	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWA-25

Lab Sample ID: 680-262055-12

Date Collected: 02/19/25 14:24

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876918	02/25/25 17:54	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 16:55	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877604	03/03/25 15:29	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 09:49	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/24/25 23:47	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PZ-13S

Lab Sample ID: 680-262055-13

Date Collected: 02/19/25 12:04

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876918	02/25/25 18:04	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 16:47	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877604	03/03/25 15:29	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 09:46	BJB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-1

Client Sample ID: SCH-PZ-13S

Lab Sample ID: 680-262055-13

Date Collected: 02/19/25 12:04

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			876995	02/24/25 23:55	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-PZ-14S

Lab Sample ID: 680-262055-14

Date Collected: 02/19/25 13:52

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876918	02/25/25 18:14	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 17:25	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877687	03/04/25 11:27	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:02	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/24/25 23:38	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-AP1-FD-1

Lab Sample ID: 680-262055-15

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877077	02/26/25 17:45	BS	EET SAV
	Instrument ID: CICP									
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	877229	02/27/25 17:57	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 17:23	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877599	03/03/25 15:25	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 10:53	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/25/25 01:16	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: SCH-AP1-FD-1

Lab Sample ID: 680-262055-15

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV

Client Sample ID: SCH-AP1-FB-1

Lab Sample ID: 680-262055-16

Date Collected: 02/19/25 14:28

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877077	02/26/25 18:15	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 16:49	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877604	03/03/25 15:29	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 09:51	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/25/25 01:36	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-FD-2

Lab Sample ID: 680-262055-17

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	877077	02/26/25 18:25	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 17:19	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877604	03/03/25 15:29	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 09:42	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/25/25 01:30	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-EB-2

Lab Sample ID: 680-262055-18

Date Collected: 02/19/25 16:48

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877077	02/26/25 18:35	BS	EET SAV
	Instrument ID: CICP									

Client Sample ID: SCH-AP1-EB-2

Lab Sample ID: 680-262055-18

Date Collected: 02/19/25 16:48

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 16:45	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877687	03/04/25 11:27	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:06	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/25/25 01:21	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-FD-3

Lab Sample ID: 680-262055-19

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877229	02/27/25 17:28	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 17:13	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877604	03/03/25 15:29	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 09:44	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876995	02/25/25 01:50	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-AP1-FB-3

Lab Sample ID: 680-262055-20

Date Collected: 02/19/25 13:42

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877077	02/26/25 18:54	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876542	02/20/25 16:21	BCB	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 17:11	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877599	03/03/25 15:25	MG	EET SAV
Total/NA	Analysis	7470A		1			877703	03/04/25 11:38	BJB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-1

Client Sample ID: SCH-AP1-FB-3

Lab Sample ID: 680-262055-20

Date Collected: 02/19/25 13:42

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			876995	02/25/25 01:42	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Laboratory References:

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

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262055-1
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins Savannah

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

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

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
9034	Sulfide, Acid Soluble and Insoluble (Titrimetric)	SW846	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

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

Laboratory References:

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

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

Chain of Custody Record

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Client Information	Sampler(s): Dana Bloomfield	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 2
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (business days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:				

Analysis Requested

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

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III and IV metals w/ Mg, Mn, Na, K	7470A - App IV Mercury	9034 - Sulfide	2320B - Alkalinity, Total, Carb/Bicarb	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	6020B - Fe				Total Number of containers	
			Preservation Code:				N	N	D	D	CB	N	D	D	D	D					
SCH-SGWA-4	2/19/25	13:02	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-7	2/19/25	11:54	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-8	2/19/25	13:24	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-9	2/19/25	10:10	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-10	2/19/25	14:45	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				10	Extra Rads
SCH-SGWC-12	2/19/25	15:21	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-13	2/19/25	15:35	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-14	2/19/25	10:24	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-16	2/19/25	15:50	G	WG	N	N	X	X	X	X		X	X	X	X					8	Extra Rads
SCH-SGWC-17	2/19/25	13:18	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWA-24	2/19/25	12:28	G	WG	N	N	X	X	X	X		X	X	X	X					6	

680-262055 Chain of Custody

Possible Hazard Identification
Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	2/20/25 945	WSP	Miranda Lunar	2/20/25 8:45	E. Now
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 2/20/25 1150	Company Eurofins

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.1/1.1 2.2/2.2 1.7/1.7 1.6/1.6 2.3/2.3

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

Chain of Custody Record

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Client Information	Sampler(s): Dana Bloomfield	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 2 of 2
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (business days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:				

Analysis Requested

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

Task_Code: SCH-CCR-ASSMT-2025S1
Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III and IV metals w/ Mg, Mn, Na, K	7470A - App IV Mercury	9034 - Sulfide	2320B - Alkalinity, Total, Carb/Bicarb	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	6020B - Fe				Total Number of containers
			Preservation Code:				N	N	D	D	CB	N	D	D	D	D				
SCH-SGWA-25	2/19/25	14:24	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-PZ-13S	2/19/25	12:04	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8
SCH-PZ-14S	2/19/25	13:52	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8
SCH-AP1-FD-1	2/19/25	-	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-AP1-FB-1	2/19/25	14:28	G	WQ	N	N	X	X	X	X		X	X	X	X					6
SCH-AP1-FD-2	2/19/25	-	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-AP1-EB-2	2/19/25	16:48	G	WQ	N	N	X	X	X	X		X	X	X	X					6
SCH-AP1-FD-3	2/19/25	-	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8
SCH-AP1-FB-3	2/19/25	13:42	G	WQ	N	N	X	X	X	X	X	X	X	X	X	X				8

Possible Hazard Identification
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client X Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

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

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: Dawn Prell	2/20/25 0845	WSP	Miranda Lucyar	2/20/25 8:45	C-Nac
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/20/25 1150	Company Eurofins

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.9/1.9

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262055-1

Login Number: 262055

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/26/2025 3:03:23 PM

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

680-262055-2

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



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3/26/2025 3:03:23 PM

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Definitions/Glossary

Client: Southern Company
Job ID: 680-262055-2
Project/Site: CCR - Plant Scherer Ash Pond

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

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

Sample Summary

Client: Southern Company
Job ID: 680-262055-2
Project/Site: CCR - Plant Scherer Ash Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262055-1	SCH-SGWA-4	Water	02/19/25 13:02	02/20/25 11:50
680-262055-2	SCH-SGWC-7	Water	02/19/25 11:54	02/20/25 11:50
680-262055-3	SCH-SGWC-8	Water	02/19/25 13:24	02/20/25 11:50
680-262055-4	SCH-SGWC-9	Water	02/19/25 10:10	02/20/25 11:50
680-262055-5	SCH-SGWC-10	Water	02/19/25 14:45	02/20/25 11:50
680-262055-6	SCH-SGWC-12	Water	02/19/25 15:21	02/20/25 11:50
680-262055-7	SCH-SGWC-13	Water	02/19/25 15:35	02/20/25 11:50
680-262055-8	SCH-SGWC-14	Water	02/19/25 10:24	02/20/25 11:50
680-262055-9	SCH-SGWC-16	Water	02/19/25 15:50	02/20/25 11:50
680-262055-10	SCH-SGWC-17	Water	02/19/25 13:18	02/20/25 11:50
680-262055-11	SCH-SGWA-24	Water	02/19/25 12:28	02/20/25 11:50
680-262055-12	SCH-SGWA-25	Water	02/19/25 14:24	02/20/25 11:50
680-262055-13	SCH-PZ-13S	Water	02/19/25 12:04	02/20/25 11:50
680-262055-14	SCH-PZ-14S	Water	02/19/25 13:52	02/20/25 11:50
680-262055-15	SCH-AP1-FD-1	Water	02/19/25 00:00	02/20/25 11:50
680-262055-16	SCH-AP1-FB-1	Water	02/19/25 14:28	02/20/25 11:50
680-262055-17	SCH-AP1-FD-2	Water	02/19/25 00:00	02/20/25 11:50
680-262055-18	SCH-AP1-EB-2	Water	02/19/25 16:48	02/20/25 11:50
680-262055-19	SCH-AP1-FD-3	Water	02/19/25 00:00	02/20/25 11:50
680-262055-20	SCH-AP1-FB-3	Water	02/19/25 13:42	02/20/25 11:50

Job ID: 680-262055-2 — Eurofins Savannah

Job Narrative
680-262055-2

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

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

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 2/20/2025 11:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 1.1°C, 1.6°C, 1.7°C, 1.9°C, 2.2°C and 2.3°C.

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

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

Client Sample ID: SCH-SGWA-4

Lab Sample ID: 680-262055-1

Date Collected: 02/19/25 13:02

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.000	U	0.0640	0.0640	1.00	0.134	pCi/L	02/27/25 07:39	03/23/25 12:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:51*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.501	U	0.354	0.357	1.00	0.537	pCi/L	02/27/25 07:46	03/19/25 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*
Y Carrier	*87.1*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.501	U	0.360	0.363	5.00	0.537	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-SGWC-7

Lab Sample ID: 680-262055-2

Date Collected: 02/19/25 11:54

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0173	U	0.0748	0.0748	1.00	0.144	pCi/L	02/27/25 07:39	03/23/25 12:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:51*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.459	U	0.340	0.343	1.00	0.519	pCi/L	02/27/25 07:46	03/19/25 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*
Y Carrier	*84.1*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*

Client Sample ID: SCH-SGWC-7

Lab Sample ID: 680-262055-2

Date Collected: 02/19/25 11:54

Matrix: Water

Date Received: 02/20/25 11:50

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.477	U	0.348	0.351	5.00	0.519	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-SGWC-8

Lab Sample ID: 680-262055-3

Date Collected: 02/19/25 13:24

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.309**		0.144	0.146	1.00	0.183	pCi/L	02/27/25 07:39	03/23/25 12:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.1*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:51*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.798**		0.348	0.355	1.00	0.453	pCi/L	02/27/25 07:46	03/19/25 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.1*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*
Y Carrier	*89.0*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.11**		0.377	0.384	5.00	0.453	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-SGWC-9

Lab Sample ID: 680-262055-4

Date Collected: 02/19/25 10:10

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0390	U	0.0902	0.0903	1.00	0.162	pCi/L	02/27/25 07:39	03/23/25 12:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.2*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:47*	*1*

Client Sample ID: SCH-SGWC-9

Lab Sample ID: 680-262055-4

Date Collected: 02/19/25 10:10

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0929	U	0.244	0.244	1.00	0.435	pCi/L	02/27/25 07:46	03/19/25 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.2*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*
Y Carrier	*86.7*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.132	U	0.260	0.260	5.00	0.435	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-SGWC-10

Lab Sample ID: 680-262055-5

Date Collected: 02/19/25 14:45

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00925	U	0.0798	0.0798	1.00	0.155	pCi/L	02/27/25 07:39	03/23/25 12:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:47*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.783**		0.378	0.384	1.00	0.521	pCi/L	02/27/25 07:46	03/19/25 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*
Y Carrier	*86.4*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.792**		0.386	0.392	5.00	0.521	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-SGWC-12

Lab Sample ID: 680-262055-6

Date Collected: 02/19/25 15:21

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00279	U	0.0730	0.0730	1.00	0.149	pCi/L	02/27/25 07:39	03/23/25 12:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.1*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:47*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.321	U	0.237	0.239	1.00	0.537	pCi/L	02/27/25 07:46	03/19/25 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.1*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*
Y Carrier	*86.7*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.324	U	0.248	0.250	5.00	0.537	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-SGWC-13

Lab Sample ID: 680-262055-7

Date Collected: 02/19/25 15:35

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0223	U	0.0748	0.0748	1.00	0.141	pCi/L	02/27/25 07:39	03/23/25 12:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:47*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0394	U	0.260	0.260	1.00	0.480	pCi/L	02/27/25 07:46	03/19/25 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*
Y Carrier	*87.5*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*

Client Sample ID: SCH-SGWC-13

Lab Sample ID: 680-262055-7

Date Collected: 02/19/25 15:35

Matrix: Water

Date Received: 02/20/25 11:50

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0616	U	0.271	0.271	5.00	0.480	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-SGWC-14

Lab Sample ID: 680-262055-8

Date Collected: 02/19/25 10:24

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0112	U	0.0677	0.0677	1.00	0.134	pCi/L	02/27/25 07:39	03/23/25 12:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.8*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:47*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0665	U	0.273	0.273	1.00	0.496	pCi/L	02/27/25 07:46	03/19/25 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.8*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*
Y Carrier	*86.7*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0778	U	0.281	0.281	5.00	0.496	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-SGWC-16

Lab Sample ID: 680-262055-9

Date Collected: 02/19/25 15:50

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0595	U	0.0778	0.0780	1.00	0.130	pCi/L	02/27/25 07:39	03/23/25 12:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.4*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:47*	*1*

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-2

Client Sample ID: SCH-SGWC-16

Lab Sample ID: 680-262055-9

Date Collected: 02/19/25 15:50
Matrix: Water
Date Received: 02/20/25 11:50

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0397	U	0.282	0.282	1.00	0.513	pCi/L	02/27/25 07:46	03/19/25 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.4*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*
Y Carrier	*88.6*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0992	U	0.293	0.293	5.00	0.513	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-SGWC-17

Lab Sample ID: 680-262055-10

Date Collected: 02/19/25 13:18
Matrix: Water
Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0896	U	0.102	0.102	1.00	0.166	pCi/L	02/27/25 07:39	03/23/25 12:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.0*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:47*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0829	U	0.240	0.240	1.00	0.431	pCi/L	02/27/25 07:46	03/19/25 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.0*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*
Y Carrier	*89.3*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:12*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.173	U	0.261	0.261	5.00	0.431	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-SGWA-24

Lab Sample ID: 680-262055-11

Date Collected: 02/19/25 12:28

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0295	U	0.0742	0.0742	1.00	0.137	pCi/L	02/27/25 07:39	03/23/25 12:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.0*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:48*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.116	U	0.306	0.306	1.00	0.591	pCi/L	02/27/25 07:46	03/19/25 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.0*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:13*	*1*
Y Carrier	*85.2*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:13*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0866	U	0.315	0.315	5.00	0.591	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-SGWA-25

Lab Sample ID: 680-262055-12

Date Collected: 02/19/25 14:24

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.116	U	0.0989	0.0995	1.00	0.148	pCi/L	02/27/25 07:39	03/23/25 12:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.1*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:48*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.450	U	0.355	0.357	1.00	0.551	pCi/L	02/27/25 07:46	03/19/25 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.1*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:08*	*1*
Y Carrier	*86.7*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:08*	*1*

Client Sample ID: SCH-SGWA-25

Lab Sample ID: 680-262055-12

Date Collected: 02/19/25 14:24

Matrix: Water

Date Received: 02/20/25 11:50

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.566		0.369	0.371	5.00	0.551	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-PZ-13S

Lab Sample ID: 680-262055-13

Date Collected: 02/19/25 12:04

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0118	U	0.0647	0.0647	1.00	0.130	pCi/L	02/27/25 07:39	03/23/25 12:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.5*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:48*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.112	U	0.315	0.315	1.00	0.555	pCi/L	02/27/25 07:46	03/19/25 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.5*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:08*	*1*
Y Carrier	*86.4*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:08*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.124	U	0.322	0.322	5.00	0.555	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-PZ-14S

Lab Sample ID: 680-262055-14

Date Collected: 02/19/25 13:52

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0634	U	0.0767	0.0769	1.00	0.126	pCi/L	02/27/25 07:39	03/23/25 12:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.7*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:48*	*1*

Client Sample ID: SCH-PZ-14S

Lab Sample ID: 680-262055-14

Date Collected: 02/19/25 13:52

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.307	U	0.303	0.305	1.00	0.487	pCi/L	02/27/25 07:46	03/19/25 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.7*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:09*	*1*
Y Carrier	*86.0*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:09*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.371	U	0.313	0.315	5.00	0.487	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-AP1-FD-1

Lab Sample ID: 680-262055-15

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0842	U	0.0756	0.0760	1.00	0.112	pCi/L	02/27/25 07:39	03/23/25 12:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.4*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:48*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.279	U	0.309	0.310	1.00	0.505	pCi/L	02/27/25 07:46	03/19/25 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.4*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:09*	*1*
Y Carrier	*89.0*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:09*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.363	U	0.318	0.319	5.00	0.505	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-AP1-FB-1

Lab Sample ID: 680-262055-16

Date Collected: 02/19/25 14:28

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0475	U	0.0705	0.0706	1.00	0.121	pCi/L	02/27/25 07:39	03/23/25 12:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.4*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:49*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.372	U	0.297	0.299	1.00	0.460	pCi/L	02/27/25 07:46	03/19/25 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.4*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:09*	*1*
Y Carrier	*91.2*		*30 - 110*	*02/27/25 07:46*	*03/19/25 12:09*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.419	U	0.305	0.307	5.00	0.460	pCi/L		03/24/25 12:51	1

Client Sample ID: SCH-AP1-FD-2

Lab Sample ID: 680-262055-17

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0411	U	0.0512	0.0513	1.00	0.0835	pCi/L	02/27/25 07:27	03/26/25 07:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:15*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.144	U	0.277	0.278	1.00	0.483	pCi/L	02/27/25 07:31	03/19/25 14:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:15*	*1*
Y Carrier	*80.4*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:15*	*1*

Client Sample ID: SCH-AP1-FD-2

Lab Sample ID: 680-262055-17

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.185	U	0.282	0.283	5.00	0.483	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-AP1-EB-2

Lab Sample ID: 680-262055-18

Date Collected: 02/19/25 16:48

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0520	U	0.0409	0.0412	1.00	0.121	pCi/L	02/27/25 07:27	03/26/25 07:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:15*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.288	U	0.311	0.313	1.00	0.505	pCi/L	02/27/25 07:31	03/19/25 14:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:15*	*1*
Y Carrier	*75.9*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:15*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.236	U	0.314	0.316	5.00	0.505	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-AP1-FD-3

Lab Sample ID: 680-262055-19

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0679	U	0.0737	0.0740	1.00	0.117	pCi/L	02/27/25 07:27	03/26/25 07:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:15*	*1*

Client Sample ID: SCH-AP1-FD-3

Lab Sample ID: 680-262055-19

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.182	U	0.323	0.324	1.00	0.558	pCi/L	02/27/25 07:31	03/19/25 14:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:15*	*1*
Y Carrier	*80.0*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:15*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.250	U	0.331	0.332	5.00	0.558	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-AP1-FB-3

Lab Sample ID: 680-262055-20

Date Collected: 02/19/25 13:42

Matrix: Water

Date Received: 02/20/25 11:50

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0664	U	0.0733	0.0736	1.00	0.117	pCi/L	02/27/25 07:27	03/26/25 07:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:26*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.303	U	0.344	0.345	1.00	0.564	pCi/L	02/27/25 07:31	03/19/25 14:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:15*	*1*
Y Carrier	*74.8*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:15*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.370	U	0.352	0.353	5.00	0.564	pCi/L		03/26/25 13:08	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
500-264302-E-2-A DU	Duplicate	93.2
680-262055-1	SCH-SGWA-4	93.2
680-262055-2	SCH-SGWC-7	94.5
680-262055-3	SCH-SGWC-8	96.1
680-262055-4	SCH-SGWC-9	98.2
680-262055-5	SCH-SGWC-10	94.0
680-262055-6	SCH-SGWC-12	96.1
680-262055-7	SCH-SGWC-13	94.0
680-262055-8	SCH-SGWC-14	94.8
680-262055-9	SCH-SGWC-16	97.4
680-262055-10	SCH-SGWC-17	99.0
680-262055-11	SCH-SGWA-24	99.0
680-262055-12	SCH-SGWA-25	90.1
680-262055-13	SCH-PZ-13S	93.5
680-262055-14	SCH-PZ-14S	98.7
680-262055-15	SCH-AP1-FD-1	97.4
680-262055-16	SCH-AP1-FB-1	97.4
680-262055-17	SCH-AP1-FD-2	89.5
680-262055-18	SCH-AP1-EB-2	88.5
680-262055-19	SCH-AP1-FD-3	82.2
680-262055-20	SCH-AP1-FB-3	86.1
680-262130-I-14-A DU	Duplicate	99.2
LCS 160-705014/2-A	Lab Control Sample	90.1
LCS 160-705020/2-A	Lab Control Sample	89.8
MB 160-705014/1-A	Method Blank	84.8
MB 160-705020/1-A	Method Blank	88.5

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
500-264302-E-2-B DU	Duplicate	93.2	86.4
680-262055-1	SCH-SGWA-4	93.2	87.1
680-262055-2	SCH-SGWC-7	94.5	84.1
680-262055-3	SCH-SGWC-8	96.1	89.0
680-262055-4	SCH-SGWC-9	98.2	86.7
680-262055-5	SCH-SGWC-10	94.0	86.4
680-262055-6	SCH-SGWC-12	96.1	86.7
680-262055-7	SCH-SGWC-13	94.0	87.5
680-262055-8	SCH-SGWC-14	94.8	86.7
680-262055-9	SCH-SGWC-16	97.4	88.6
680-262055-10	SCH-SGWC-17	99.0	89.3
680-262055-11	SCH-SGWA-24	99.0	85.2
680-262055-12	SCH-SGWA-25	90.1	86.7
680-262055-13	SCH-PZ-13S	93.5	86.4

Tracer/Carrier Summary

Client: Southern Company
Job ID: 680-262055-2
Project/Site: CCR - Plant Scherer Ash Pond

Method: 9320 - Radium-228 (GFPC) (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
680-262055-14	SCH-PZ-14S	98.7	86.0
680-262055-15	SCH-AP1-FD-1	97.4	89.0
680-262055-16	SCH-AP1-FB-1	97.4	91.2
680-262055-17	SCH-AP1-FD-2	89.5	80.4
680-262055-18	SCH-AP1-EB-2	88.5	75.9
680-262055-19	SCH-AP1-FD-3	82.2	80.0
680-262055-20	SCH-AP1-FB-3	86.1	74.8
680-262130-I-14-B DU	Duplicate	99.2	80.0
LCS 160-705016/2-A	Lab Control Sample	90.1	78.1
LCS 160-705021/2-A	Lab Control Sample	89.8	86.7
MB 160-705016/1-A	Method Blank	84.8	76.3
MB 160-705021/1-A	Method Blank	88.5	82.6

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-705014/1-A
Matrix: Water
Analysis Batch: 709424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705014

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02698	U	0.0605	0.0606	1.00	0.112	pCi/L	02/27/25 07:27	03/26/25 07:15	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:15*	*1*

Lab Sample ID: LCS 160-705014/2-A
Matrix: Water
Analysis Batch: 709424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705014

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	10.12		1.07	1.00	0.111	pCi/L	106	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.1*		*30 - 110*

Lab Sample ID: 680-262130-I-14-A DU
Matrix: Water
Analysis Batch: 709425

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705014

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0862	U		0.1344		0.0852	1.00	0.114	pCi/L			0.30	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*99.2*		*30 - 110*

Lab Sample ID: MB 160-705020/1-A
Matrix: Water
Analysis Batch: 708917

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705020

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.01429	U	0.0647	0.0647	1.00	0.144	pCi/L	02/27/25 07:39	03/23/25 12:50	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*02/27/25 07:39*	*03/23/25 12:50*	*1*

Lab Sample ID: LCS 160-705020/2-A
Matrix: Water
Analysis Batch: 708917

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705020

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	8.758		0.989	1.00	0.145	pCi/L	91	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-705020/2-A
Matrix: Water
Analysis Batch: 708917

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705020

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	89.8		30 - 110

Lab Sample ID: 500-264302-E-2-A DU
Matrix: Water
Analysis Batch: 708917

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705020

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	-0.0139	U		-0.01843	U	0.0506	1.00	0.123	pCi/L			0.04	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	93.2		30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705016/1-A
Matrix: Water
Analysis Batch: 708486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705016

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1231	U	0.319	0.319	1.00	0.567	pCi/L	02/27/25 07:31	03/19/25 14:14	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110	02/27/25 07:31	03/19/25 14:14	1
Y Carrier	76.3		30 - 110	02/27/25 07:31	03/19/25 14:14	1

Lab Sample ID: LCS 160-705016/2-A
Matrix: Water
Analysis Batch: 708486

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705016

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.01	9.182		1.27	1.00	0.452	pCi/L	115	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.1		30 - 110
Y Carrier	78.1		30 - 110

Lab Sample ID: 680-262130-I-14-B DU
Matrix: Water
Analysis Batch: 708497

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705016

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.277	U		0.1690	U	0.300	1.00	0.515	pCi/L			0.18	1

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 680-262130-I-14-B DU
Matrix: Water
Analysis Batch: 708497

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705016

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	99.2		30 - 110
Y Carrier	80.0		30 - 110

Lab Sample ID: MB 160-705021/1-A
Matrix: Water
Analysis Batch: 708486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705021

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.06954	U	0.249	0.249	1.00	0.500	pCi/L	02/27/25 07:46	03/19/25 11:58	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110	02/27/25 07:46	03/19/25 11:58	1
Y Carrier	82.6		30 - 110	02/27/25 07:46	03/19/25 11:58	1

Lab Sample ID: LCS 160-705021/2-A
Matrix: Water
Analysis Batch: 708496

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705021

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.01	8.435		1.19	1.00	0.516	pCi/L	105	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	89.8		30 - 110
Y Carrier	86.7		30 - 110

Lab Sample ID: 500-264302-E-2-B DU
Matrix: Water
Analysis Batch: 708496

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705021

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	-0.0454	U		-0.06267	U	0.260	1.00	0.507	pCi/L			0.03	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	93.2		30 - 110
Y Carrier	86.4		30 - 110

Rad

Prep Batch: 705014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-17	SCH-AP1-FD-2	Total/NA	Water	PrecSep-21	
680-262055-18	SCH-AP1-EB-2	Total/NA	Water	PrecSep-21	
680-262055-19	SCH-AP1-FD-3	Total/NA	Water	PrecSep-21	
680-262055-20	SCH-AP1-FB-3	Total/NA	Water	PrecSep-21	
MB 160-705014/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705014/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
680-262130-I-14-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 705016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-17	SCH-AP1-FD-2	Total/NA	Water	PrecSep_0	
680-262055-18	SCH-AP1-EB-2	Total/NA	Water	PrecSep_0	
680-262055-19	SCH-AP1-FD-3	Total/NA	Water	PrecSep_0	
680-262055-20	SCH-AP1-FB-3	Total/NA	Water	PrecSep_0	
MB 160-705016/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705016/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-262130-I-14-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 705020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-1	SCH-SGWA-4	Total/NA	Water	PrecSep-21	
680-262055-2	SCH-SGWC-7	Total/NA	Water	PrecSep-21	
680-262055-3	SCH-SGWC-8	Total/NA	Water	PrecSep-21	
680-262055-4	SCH-SGWC-9	Total/NA	Water	PrecSep-21	
680-262055-5	SCH-SGWC-10	Total/NA	Water	PrecSep-21	
680-262055-6	SCH-SGWC-12	Total/NA	Water	PrecSep-21	
680-262055-7	SCH-SGWC-13	Total/NA	Water	PrecSep-21	
680-262055-8	SCH-SGWC-14	Total/NA	Water	PrecSep-21	
680-262055-9	SCH-SGWC-16	Total/NA	Water	PrecSep-21	
680-262055-10	SCH-SGWC-17	Total/NA	Water	PrecSep-21	
680-262055-11	SCH-SGWA-24	Total/NA	Water	PrecSep-21	
680-262055-12	SCH-SGWA-25	Total/NA	Water	PrecSep-21	
680-262055-13	SCH-PZ-13S	Total/NA	Water	PrecSep-21	
680-262055-14	SCH-PZ-14S	Total/NA	Water	PrecSep-21	
680-262055-15	SCH-AP1-FD-1	Total/NA	Water	PrecSep-21	
680-262055-16	SCH-AP1-FB-1	Total/NA	Water	PrecSep-21	
MB 160-705020/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705020/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-264302-E-2-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 705021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-1	SCH-SGWA-4	Total/NA	Water	PrecSep_0	
680-262055-2	SCH-SGWC-7	Total/NA	Water	PrecSep_0	
680-262055-3	SCH-SGWC-8	Total/NA	Water	PrecSep_0	
680-262055-4	SCH-SGWC-9	Total/NA	Water	PrecSep_0	
680-262055-5	SCH-SGWC-10	Total/NA	Water	PrecSep_0	
680-262055-6	SCH-SGWC-12	Total/NA	Water	PrecSep_0	
680-262055-7	SCH-SGWC-13	Total/NA	Water	PrecSep_0	
680-262055-8	SCH-SGWC-14	Total/NA	Water	PrecSep_0	
680-262055-9	SCH-SGWC-16	Total/NA	Water	PrecSep_0	

Rad (Continued)

Prep Batch: 705021 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262055-10	SCH-SGWC-17	Total/NA	Water	PrecSep_0	
680-262055-11	SCH-SGWA-24	Total/NA	Water	PrecSep_0	
680-262055-12	SCH-SGWA-25	Total/NA	Water	PrecSep_0	
680-262055-13	SCH-PZ-13S	Total/NA	Water	PrecSep_0	
680-262055-14	SCH-PZ-14S	Total/NA	Water	PrecSep_0	
680-262055-15	SCH-AP1-FD-1	Total/NA	Water	PrecSep_0	
680-262055-16	SCH-AP1-FB-1	Total/NA	Water	PrecSep_0	
MB 160-705021/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705021/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-264302-E-2-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-2

Client Sample ID: SCH-SGWA-4

Lab Sample ID: 680-262055-1

Date Collected: 02/19/25 13:02

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1006.03 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708917	03/23/25 12:51	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1006.03 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 12:12	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-7

Lab Sample ID: 680-262055-2

Date Collected: 02/19/25 11:54

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.94 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708917	03/23/25 12:51	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1001.94 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 12:12	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-8

Lab Sample ID: 680-262055-3

Date Collected: 02/19/25 13:24

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.38 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708917	03/23/25 12:51	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1000.38 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 12:12	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-9

Lab Sample ID: 680-262055-4

Date Collected: 02/19/25 10:10

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.15 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708918	03/23/25 12:47	SWS	EET SL
	Instrument ID: GFPCPURPLE									

Client Sample ID: SCH-SGWC-9

Lab Sample ID: 680-262055-4

Date Collected: 02/19/25 10:10

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1004.15 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 12:12	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-10

Lab Sample ID: 680-262055-5

Date Collected: 02/19/25 14:45

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.98 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708918	03/23/25 12:47	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1000.98 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 12:12	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-12

Lab Sample ID: 680-262055-6

Date Collected: 02/19/25 15:21

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.95 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708918	03/23/25 12:47	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1000.95 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 12:12	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-13

Lab Sample ID: 680-262055-7

Date Collected: 02/19/25 15:35

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.38 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708918	03/23/25 12:47	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1000.38 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 12:12	SWS	EET SL
	Instrument ID: GFPCBLUE									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-2

Client Sample ID: SCH-SGWC-13

Lab Sample ID: 680-262055-7

Date Collected: 02/19/25 15:35
Matrix: Water
Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL

Client Sample ID: SCH-SGWC-14

Lab Sample ID: 680-262055-8

Date Collected: 02/19/25 10:24
Matrix: Water
Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.90 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708918	03/23/25 12:47	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1000.90 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 12:12	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-16

Lab Sample ID: 680-262055-9

Date Collected: 02/19/25 15:50
Matrix: Water
Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.56 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708918	03/23/25 12:47	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1003.56 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 12:12	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-17

Lab Sample ID: 680-262055-10

Date Collected: 02/19/25 13:18
Matrix: Water
Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1007.68 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708918	03/23/25 12:47	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1007.68 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 12:12	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Job ID: 680-262055-2
Project/Site: CCR - Plant Scherer Ash Pond

Client Sample ID: SCH-SGWA-24
Lab Sample ID: 680-262055-11
Date Collected: 02/19/25 12:28
Matrix: Water
Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.78 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708918	03/23/25 12:48	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1001.78 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 12:13	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWA-25
Lab Sample ID: 680-262055-12
Date Collected: 02/19/25 14:24
Matrix: Water
Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.97 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708918	03/23/25 12:48	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1001.97 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708497	03/19/25 12:08	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PZ-13S
Lab Sample ID: 680-262055-13
Date Collected: 02/19/25 12:04
Matrix: Water
Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			975.73 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708915	03/23/25 12:48	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			975.73 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708497	03/19/25 12:08	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PZ-14S
Lab Sample ID: 680-262055-14
Date Collected: 02/19/25 13:52
Matrix: Water
Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			982.88 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708915	03/23/25 12:48	SWS	EET SL
	Instrument ID: GFPCRED									

Client Sample ID: SCH-PZ-14S

Lab Sample ID: 680-262055-14

Date Collected: 02/19/25 13:52

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			982.88 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708497	03/19/25 12:09	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-FD-1

Lab Sample ID: 680-262055-15

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1006.32 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708915	03/23/25 12:48	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			1006.32 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708497	03/19/25 12:09	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-FB-1

Lab Sample ID: 680-262055-16

Date Collected: 02/19/25 14:28

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.94 mL	1.0 g	705020	02/27/25 07:39	OGC	EET SL
Total/NA	Analysis	9315		1			708915	03/23/25 12:49	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			1002.94 mL	1.0 g	705021	02/27/25 07:46	OGC	EET SL
Total/NA	Analysis	9320		1			708497	03/19/25 12:09	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			709094	03/24/25 12:51	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-FD-2

Lab Sample ID: 680-262055-17

Date Collected: 02/19/25 00:00

Matrix: Water

Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1009.65 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709424	03/26/25 07:15	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			1009.65 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708486	03/19/25 14:15	FLC	EET SL
	Instrument ID: GFPCRED									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-2

Client Sample ID: SCH-AP1-FD-2

Lab Sample ID: 680-262055-17

Date Collected: 02/19/25 00:00
Matrix: Water
Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL

Client Sample ID: SCH-AP1-EB-2

Lab Sample ID: 680-262055-18

Date Collected: 02/19/25 16:48
Matrix: Water
Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			993.85 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709424	03/26/25 07:15	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			993.85 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708486	03/19/25 14:15	FLC	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-FD-3

Lab Sample ID: 680-262055-19

Date Collected: 02/19/25 00:00
Matrix: Water
Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.88 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709424	03/26/25 07:15	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			1003.88 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708486	03/19/25 14:15	FLC	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-FB-3

Lab Sample ID: 680-262055-20

Date Collected: 02/19/25 13:42
Matrix: Water
Date Received: 02/20/25 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1007.75 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 07:26	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1007.75 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708486	03/19/25 14:15	FLC	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262055-2
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262055-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

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

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

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

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler(s): Dana Bloomfield	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 2
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (business days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:				

Analysis Requested

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

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III and IV metals w/ Mg, Mn, Na, K	7470A - App IV Mercury	9034 - Sulfide	2320B - Alkalinity, Total, Carb/Bicarb	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	6020B - Fe				Total Number of containers	
			Preservation Code:				N	N	D	D	CB	N	D	D	D	D					
SCH-SGWA-4	2/19/25	13:02	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-7	2/19/25	11:54	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-8	2/19/25	13:24	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-9	2/19/25	10:10	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-10	2/19/25	14:45	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				10	Extra Rads
SCH-SGWC-12	2/19/25	15:21	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-13	2/19/25	15:35	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-14	2/19/25	10:24	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-16	2/19/25	15:50	G	WG	N	N	X	X	X	X		X	X	X	X					8	Extra Rads
SCH-SGWC-17	2/19/25	13:18	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWA-24	2/19/25	12:28	G	WG	N	N	X	X	X	X		X	X	X	X					6	

680-262055 Chain of Custody

Possible Hazard Identification
Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	2/20/25 945	WSP	Miranda Lucas	2/20/25 8:45	ET Now
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 2/20/25 1150	Company Eurofins

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 1.1/1.1 2.2/2.2 1.7/1.7 1.6/1.6 2.3/2.3

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler(s): Dana Bloomfield	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 2 of 2
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (business days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:				

Analysis Requested

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

Task_Code: SCH-CCR-ASSMT-2025S1
Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III and IV metals w/ Mg, Mn, Na, K	7470A - App IV Mercury	9034 - Sulfide	2320B - Alkalinity, Total, Carb/Bicarb	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	6020B - Fe				Total Number of containers
			Preservation Code:				N	N	D	D	CB	N	D	D	D	D				
SCH-SGWA-25	2/19/25	14:24	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-PZ-13S	2/19/25	12:04	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8
SCH-PZ-14S	2/19/25	13:52	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8
SCH-AP1-FD-1	2/19/25	-	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-AP1-FB-1	2/19/25	14:28	G	WQ	N	N	X	X	X	X		X	X	X	X					6
SCH-AP1-FD-2	2/19/25	-	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-AP1-EB-2	2/19/25	16:48	G	WQ	N	N	X	X	X	X		X	X	X	X					6
SCH-AP1-FD-3	2/19/25	-	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8
SCH-AP1-FB-3	2/19/25	13:42	G	WQ	N	N	X	X	X	X	X	X	X	X	X	X				8

Possible Hazard Identification
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client X Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

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

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: Dawn Prell	2/20/25 0845	WSP	Miranda Lucyar	2/20/25 8:45	C-Nac
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/20/25 1150	Company Eurofins

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.9/1.9

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262055-2

Login Number: 262055

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262055-2

Login Number: 262055
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/25/25 11:53 AM

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/5/2025 5:50:05 PM

JOB DESCRIPTION

CCR - Plant Scherer Additional PZ

JOB NUMBER

680-262126-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



Generated
3/5/2025 5:50:05 PM

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

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

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

Glossary

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

Sample Summary

Client: Southern Company
Job ID: 680-262126-1
Project/Site: CCR - Plant Scherer Additional PZ

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262126-1	SCH-PZ-25S	Water	02/20/25 13:46	02/21/25 16:00
680-262126-2	SCH-PZ-25I	Water	02/20/25 16:04	02/21/25 16:00

Job ID: 680-262126-1 — Eurofins Savannah

Job Narrative
680-262126-1

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

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

Receipt
The samples were received on 2/21/2025 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

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

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

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

Client Sample ID: SCH-PZ-25S

Lab Sample ID: 680-262126-1

Date Collected: 02/20/25 13:46

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.9**		1.0	0.20	mg/L			02/28/25 14:00	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 14:00	1
Sulfate	**2.0**		1.0	0.40	mg/L			02/28/25 14:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/24/25 06:20	02/24/25 16:00	1
Arsenic	**0.0012**		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 16:00	1
Barium	**0.024**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 16:00	1
Beryllium	**0.00020**	**J**	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 16:00	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	02/25/25 11:25	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 16:00	1
Calcium	**1.1**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 16:00	1
Chromium	**0.0029**		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 16:00	1
Cobalt	**0.027**		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 16:00	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 16:00	1
Lithium	**0.0042**	**J**	0.0050	0.0020	mg/L		02/24/25 06:20	02/24/25 16:00	1
Magnesium	**0.52**		0.50	0.023	mg/L		02/24/25 06:20	02/24/25 16:00	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/24/25 06:20	02/24/25 16:00	1
Potassium	**0.27**	**J**	0.50	0.044	mg/L		02/24/25 06:20	02/24/25 16:00	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 16:00	1
Sodium	**4.2**		0.50	0.20	mg/L		02/24/25 06:20	02/24/25 16:00	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 16:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:18	03/04/25 19:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**2.2**	**J**	5.0	2.2	mg/L			02/25/25 19:31	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**2.2**	**J**	5.0	2.2	mg/L			02/25/25 19:31	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 19:31	1
Total Dissolved Solids (SM 2540C-2011)	**27**		10	10	mg/L			02/26/25 14:17	1

Client Sample ID: SCH-PZ-25I

Lab Sample ID: 680-262126-2

Date Collected: 02/20/25 16:04

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.3**		1.0	0.20	mg/L			02/28/25 14:10	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 14:10	1
Sulfate	**0.55**	**J**	1.0	0.40	mg/L			02/28/25 14:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	02/25/25 11:27	1

Client: Southern Company
Job ID: 680-262126-1
Project/Site: CCR - Plant Scherer Additional PZ

Client Sample ID: SCH-PZ-25I
Lab Sample ID: 680-262126-2
Date Collected: 02/20/25 16:04
Matrix: Water
Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	27		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 16:02	1
Cobalt	0.0017	J	0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 16:02	1
Magnesium	15		0.50	0.023	mg/L		02/24/25 06:20	02/24/25 16:02	1
Potassium	1.1		0.50	0.044	mg/L		02/24/25 06:20	02/24/25 16:02	1
Sodium	5.4		0.50	0.20	mg/L		02/24/25 06:20	02/24/25 16:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	120		5.0	2.2	mg/L			02/25/25 19:41	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	120		5.0	2.2	mg/L			02/25/25 19:41	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 19:41	1
Total Dissolved Solids (SM 2540C-2011)	140		10	10	mg/L			02/26/25 14:17	1

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

Lab Sample ID: MB 680-877352/2
Matrix: Water
Analysis Batch: 877352

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/28/25 11:15	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 11:15	1
Sulfate	<0.40		1.0	0.40	mg/L			02/28/25 11:15	1

Lab Sample ID: LCS 680-877352/3
Matrix: Water
Analysis Batch: 877352

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.16		mg/L		92	90 - 110
Fluoride	2.00	1.93		mg/L		96	90 - 110
Sulfate	10.0	9.66		mg/L		97	90 - 110

Lab Sample ID: LCSD 680-877352/4
Matrix: Water
Analysis Batch: 877352

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.03		mg/L		90	90 - 110	1	15
Fluoride	2.00	1.89		mg/L		94	90 - 110	2	15
Sulfate	10.0	9.43		mg/L		94	90 - 110	2	15

Lab Sample ID: 680-262079-B-15 MS
Matrix: Water
Analysis Batch: 877352

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.1		10.0	10.4		mg/L		94	80 - 120
Fluoride	2.2		2.00	4.00		mg/L		92	80 - 120
Sulfate	7.2		10.0	17.1		mg/L		98	80 - 120

Lab Sample ID: 680-262079-B-15 MSD
Matrix: Water
Analysis Batch: 877352

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.1		10.0	9.25		mg/L		82	80 - 120	12	15
Fluoride	2.2		2.00	3.76		mg/L		80	80 - 120	6	15
Sulfate	7.2		10.0	15.7		mg/L		84	80 - 120	8	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-876738/1-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876738

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/24/25 06:20	02/24/25 15:30	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:30	1
Barium	<0.00089		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:30	1

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

Lab Sample ID: MB 680-876738/1-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876738

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:30	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	02/24/25 15:30	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:30	1
Calcium	<0.14		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:30	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:30	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:30	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:30	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/24/25 06:20	02/24/25 15:30	1
Magnesium	<0.023		0.50	0.023	mg/L		02/24/25 06:20	02/24/25 15:30	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/24/25 06:20	02/24/25 15:30	1
Potassium	<0.044		0.50	0.044	mg/L		02/24/25 06:20	02/24/25 15:30	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:30	1
Sodium	<0.20		0.50	0.20	mg/L		02/24/25 06:20	02/24/25 15:30	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:30	1

Lab Sample ID: LCS 680-876738/2-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876738

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0491		mg/L		98	80 - 120
Arsenic	0.100	0.0994		mg/L		99	80 - 120
Barium	0.100	0.0988		mg/L		99	80 - 120
Beryllium	0.0500	0.0510		mg/L		102	80 - 120
Boron	0.400	0.393		mg/L		98	80 - 120
Cadmium	0.0500	0.0517		mg/L		103	80 - 120
Calcium	5.00	5.04		mg/L		101	80 - 120
Chromium	0.100	0.103		mg/L		103	80 - 120
Cobalt	0.0500	0.0471		mg/L		94	80 - 120
Lead	0.500	0.493		mg/L		99	80 - 120
Lithium	0.500	0.487		mg/L		97	80 - 120
Magnesium	5.00	4.61		mg/L		92	80 - 120
Molybdenum	0.100	0.0962		mg/L		96	80 - 120
Potassium	7.00	7.30		mg/L		104	80 - 120
Selenium	0.100	0.0983		mg/L		98	80 - 120
Sodium	5.00	5.11		mg/L		102	80 - 120
Thallium	0.0500	0.0505		mg/L		101	80 - 120

Lab Sample ID: 752-29718-D-2-E MS
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 876738

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0594		mg/L		119	75 - 125
Arsenic	0.0047	F1	0.100	0.130	F1	mg/L		126	75 - 125
Barium	0.32	F1	0.100	0.456	F1	mg/L		135	75 - 125
Beryllium	<0.00020	F1	0.0500	0.0628	F1	mg/L		126	75 - 125
Boron	0.19		0.400	0.683		mg/L		122	75 - 125
Cadmium	<0.000078	F1	0.0500	0.0635	F1	mg/L		127	75 - 125

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

Lab Sample ID: 752-29718-D-2-E MS
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 876738

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	78		5.00	85.2	4	mg/L		141	75 - 125
Chromium	0.0016	J F1	0.100	0.128	F1	mg/L		126	75 - 125
Cobalt	0.0011	J	0.0500	0.0590		mg/L		116	75 - 125
Lead	<0.00021		0.500	0.627		mg/L		125	75 - 125
Lithium	0.0079		0.500	0.634		mg/L		125	75 - 125
Magnesium	29		5.00	35.3	4	mg/L		125	75 - 125
Molybdenum	<0.00086		0.100	0.123		mg/L		123	75 - 125
Potassium	12	F1	7.00	21.1	F1	mg/L		130	75 - 125
Selenium	<0.00099		0.100	0.121		mg/L		121	75 - 125
Sodium	270		5.00	278	4	mg/L		200	75 - 125
Thallium	<0.00026		0.0500	0.0626		mg/L		125	75 - 125

Lab Sample ID: 752-29718-D-2-F MSD
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 876738

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0589		mg/L		118	75 - 125	1	20
Arsenic	0.0047	F1	0.100	0.125		mg/L		120	75 - 125	4	20
Barium	0.32	F1	0.100	0.436		mg/L		115	75 - 125	5	20
Beryllium	<0.00020	F1	0.0500	0.0610		mg/L		122	75 - 125	3	20
Boron	0.19		0.400	0.657		mg/L		115	75 - 125	4	20
Cadmium	<0.000078	F1	0.0500	0.0621		mg/L		124	75 - 125	2	20
Calcium	78		5.00	82.6	4	mg/L		89	75 - 125	3	20
Chromium	0.0016	J F1	0.100	0.125		mg/L		123	75 - 125	2	20
Cobalt	0.0011	J	0.0500	0.0580		mg/L		114	75 - 125	2	20
Lead	<0.00021		0.500	0.617		mg/L		123	75 - 125	2	20
Lithium	0.0079		0.500	0.608		mg/L		120	75 - 125	4	20
Magnesium	29		5.00	33.8	4	mg/L		96	75 - 125	4	20
Molybdenum	<0.00086		0.100	0.121		mg/L		121	75 - 125	2	20
Potassium	12	F1	7.00	20.5		mg/L		120	75 - 125	3	20
Selenium	<0.00099		0.100	0.116		mg/L		116	75 - 125	5	20
Sodium	270		5.00	269	4	mg/L		12	75 - 125	3	20
Thallium	<0.00026		0.0500	0.0613		mg/L		123	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-877714/1-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:30	1

Lab Sample ID: LCS 680-877714/2-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00251		mg/L		100	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 680-262088-C-4-C MS
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 877714

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

Lab Sample ID: 680-262088-C-4-D MSD
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 877714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00100		mg/L		100	80 - 120	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877100/4
Matrix: Water
Analysis Batch: 877100

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/25/25 18:28	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/25/25 18:28	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/25/25 18:28	1

Lab Sample ID: LCS 680-877100/6
Matrix: Water
Analysis Batch: 877100

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	244		mg/L		98	90 - 112

Lab Sample ID: LCSD 680-877100/31
Matrix: Water
Analysis Batch: 877100

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	250		mg/L		100	90 - 112	3	30

Lab Sample ID: 680-262084-A-11 DU
Matrix: Water
Analysis Batch: 877100

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	35		35.2		mg/L		0.6	30
Bicarbonate Alkalinity as CaCO3	35		35.2		mg/L		0.6	30
Carbonate Alkalinity as CaCO3	<2.2		<2.2		mg/L		NC	30

Client: Southern Company
Project/Site: CCR - Plant Scherer Additional PZ

Job ID: 680-262126-1

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

Lab Sample ID: MB 680-877138/1
Matrix: Water
Analysis Batch: 877138

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/26/25 14:17	1

Lab Sample ID: LCS 680-877138/2
Matrix: Water
Analysis Batch: 877138

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2390		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-877138/3
Matrix: Water
Analysis Batch: 877138

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2370		mg/L		97	80 - 120	1	25

Lab Sample ID: 680-262130-C-7 DU
Matrix: Water
Analysis Batch: 877138

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	390			376		mg/L				4	5

Lab Sample ID: 680-262130-C-11 DU
Matrix: Water
Analysis Batch: 877138

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	430			440		mg/L				3	5

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Additional PZ

Job ID: 680-262126-1

HPLC/IC

Analysis Batch: 877352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262126-1	SCH-PZ-25S	Total/NA	Water	300.0-1993 R2.1	
680-262126-2	SCH-PZ-25I	Total/NA	Water	300.0-1993 R2.1	
MB 680-877352/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877352/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877352/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262079-B-15 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262079-B-15 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 876738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262126-1	SCH-PZ-25S	Total Recoverable	Water	3005A	
680-262126-2	SCH-PZ-25I	Total Recoverable	Water	3005A	
MB 680-876738/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-876738/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-29718-D-2-E MS	Matrix Spike	Total Recoverable	Water	3005A	
752-29718-D-2-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 876876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262126-1	SCH-PZ-25S	Total Recoverable	Water	6020B	876738
680-262126-2	SCH-PZ-25I	Total Recoverable	Water	6020B	876738
MB 680-876738/1-A	Method Blank	Total Recoverable	Water	6020B	876738
LCS 680-876738/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876738
752-29718-D-2-E MS	Matrix Spike	Total Recoverable	Water	6020B	876738
752-29718-D-2-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	876738

Analysis Batch: 877033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262126-1	SCH-PZ-25S	Total Recoverable	Water	6020B	876738
680-262126-2	SCH-PZ-25I	Total Recoverable	Water	6020B	876738

Prep Batch: 877714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262126-1	SCH-PZ-25S	Total/NA	Water	7470A	
MB 680-877714/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877714/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262088-C-4-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262088-C-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 877813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262126-1	SCH-PZ-25S	Total/NA	Water	7470A	877714
MB 680-877714/1-A	Method Blank	Total/NA	Water	7470A	877714
LCS 680-877714/2-A	Lab Control Sample	Total/NA	Water	7470A	877714
680-262088-C-4-C MS	Matrix Spike	Total/NA	Water	7470A	877714
680-262088-C-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	877714

QC Association Summary

Client: Southern Company
Job ID: 680-262126-1
Project/Site: CCR - Plant Scherer Additional PZ

General Chemistry

Analysis Batch: 877100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262126-1	SCH-PZ-25S	Total/NA	Water	2320B-2011	
680-262126-2	SCH-PZ-25I	Total/NA	Water	2320B-2011	
MB 680-877100/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877100/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877100/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262084-A-11 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262126-1	SCH-PZ-25S	Total/NA	Water	2540C-2011	
680-262126-2	SCH-PZ-25I	Total/NA	Water	2540C-2011	
MB 680-877138/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877138/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877138/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262130-C-7 DU	Duplicate	Total/NA	Water	2540C-2011	
680-262130-C-11 DU	Duplicate	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Job ID: 680-262126-1
Project/Site: CCR - Plant Scherer Additional PZ

Client Sample ID: SCH-PZ-25S
Lab Sample ID: 680-262126-1
Date Collected: 02/20/25 13:46
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877352	02/28/25 14:00	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876738	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 16:00	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	876738	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 11:25	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:18	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:26	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 19:31	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PZ-25I
Lab Sample ID: 680-262126-2
Date Collected: 02/20/25 16:04
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877352	02/28/25 14:10	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876738	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 16:02	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	876738	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 11:27	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 19:41	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

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

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262126-1
Project/Site: CCR - Plant Scherer Additional PZ

Laboratory: Eurofins Savannah

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

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

Method Summary

Client: Southern Company
Job ID: 680-262126-1
Project/Site: CCR - Plant Scherer Additional PZ

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

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

Laboratory References:

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

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

Chain of Custody Record

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Client Information	Sampler(s): Dana Bloomfield	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Additional PZ	Project #:			
Site:				

Analysis Requested

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

Task_Code: SCH-CCR-ASSMT-2025S1
Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III and IV w/ Mg, Na, K	7470A - App IV Mercury	6020B - App III w/ Co, Mg, Na, K	2320B - Alkalinity, Total, Carb/Bicarb	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	Total Number of containers
			Preservation Code:				N	N	D	D	D	N	D	D	D	
SCH-PZ-25S	2/20/25	13:46	G	WG	N	N	X	X	X	X		X	X	X	X	6
SCH-PZ-25I	2/20/25	16:04	G	WG	N	N	X	X			X	X				4

680-262126 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

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

	Date/Time	Company		Date/Time	Company
Relinquished by:	2/21/25 WSP	WSP	Received by: Jake Stucky	2/21/25 1245	WSP
Relinquished by: Jake Stucky	2/21/25	WSP	Received by: Amanda Brewer	2/21/25 13:02	CWW
Relinquished by:	Date/Time:	Company	Received by:	2/21/25 1600	Eurofins

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.3/2.3

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262126-1

Login Number: 262126

List Source: Eurofins Savannah

List Number: 1

Creator: Munro, Caroline

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/26/2025 2:18:36 PM

JOB DESCRIPTION

CCR - Plant Scherer Additional PZ

JOB NUMBER

680-262126-2

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

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

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

Authorization



Generated
3/26/2025 2:18:36 PM

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

Definitions/Glossary

Client: Southern Company
Job ID: 680-262126-2
Project/Site: CCR - Plant Scherer Additional PZ

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

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

Sample Summary

Client: Southern Company
Job ID: 680-262126-2
Project/Site: CCR - Plant Scherer Additional PZ

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262126-1	SCH-PZ-25S	Water	02/20/25 13:46	02/21/25 16:00

Job Narrative
680-262126-2

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

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

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 2/21/2025 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

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

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

Client: Southern Company
Job ID: 680-262126-2
Project/Site: CCR - Plant Scherer Additional PZ

Client Sample ID: SCH-PZ-25S
Lab Sample ID: 680-262126-1
Date Collected: 02/20/25 13:46
Matrix: Water
Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0326	U	0.0702	0.0703	1.00	0.128	pCi/L	02/27/25 07:27	03/26/25 07:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.4*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:26*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0132	U	0.309	0.309	1.00	0.592	pCi/L	02/27/25 07:31	03/19/25 14:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.4*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:15*	*1*
Y Carrier	*75.9*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:15*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0194	U	0.317	0.317	5.00	0.592	pCi/L		03/26/25 13:08	1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 680-262126-2
Project/Site: CCR - Plant Scherer Additional PZ

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
680-262126-1	SCH-PZ-25S	80.4
680-262130-I-14-A DU	Duplicate	99.2
LCS 160-705014/2-A	Lab Control Sample	90.1
MB 160-705014/1-A	Method Blank	84.8

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
680-262126-1	SCH-PZ-25S	80.4	75.9
680-262130-I-14-B DU	Duplicate	99.2	80.0
LCS 160-705016/2-A	Lab Control Sample	90.1	78.1
MB 160-705016/1-A	Method Blank	84.8	76.3

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-705014/1-A
Matrix: Water
Analysis Batch: 709424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705014

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02698	U	0.0605	0.0606	1.00	0.112	pCi/L	02/27/25 07:27	03/26/25 07:15	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:15*	*1*

Lab Sample ID: LCS 160-705014/2-A
Matrix: Water
Analysis Batch: 709424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705014

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	10.12		1.07	1.00	0.111	pCi/L	106	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.1*		*30 - 110*

Lab Sample ID: 680-262130-I-14-A DU
Matrix: Water
Analysis Batch: 709425

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705014

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0862	U		0.1344		0.0852	1.00	0.114	pCi/L			0.30	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*99.2*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705016/1-A
Matrix: Water
Analysis Batch: 708486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705016

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1231	U	0.319	0.319	1.00	0.567	pCi/L	02/27/25 07:31	03/19/25 14:14	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:14*	*1*
Y Carrier	*76.3*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:14*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-705016/2-A
Matrix: Water
Analysis Batch: 708486

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705016

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.01	9.182		1.27	1.00	0.452	pCi/L	115	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.1*		*30 - 110*
Y Carrier	*78.1*		*30 - 110*

Lab Sample ID: 680-262130-I-14-B DU
Matrix: Water
Analysis Batch: 708497

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705016

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.277	U		0.1690	U	0.300	1.00	0.515	pCi/L			0.18	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*99.2*		*30 - 110*
Y Carrier	*80.0*		*30 - 110*

QC Association Summary

Client: Southern Company
Job ID: 680-262126-2
Project/Site: CCR - Plant Scherer Additional PZ

Rad

Prep Batch: 705014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262126-1	SCH-PZ-25S	Total/NA	Water	PrecSep-21	
MB 160-705014/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705014/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
680-262130-I-14-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 705016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262126-1	SCH-PZ-25S	Total/NA	Water	PrecSep_0	
MB 160-705016/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705016/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-262130-I-14-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Job ID: 680-262126-2
Project/Site: CCR - Plant Scherer Additional PZ

Client Sample ID: SCH-PZ-25S
Lab Sample ID: 680-262126-1
Date Collected: 02/20/25 13:46
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.45 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 07:26	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1002.45 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708486	03/19/25 14:15	FLC	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262126-2
Project/Site: CCR - Plant Scherer Additional PZ

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-25

Method Summary

Client: Southern Company
Job ID: 680-262126-2
Project/Site: CCR - Plant Scherer Additional PZ

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

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

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

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

Chain of Custody Record

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Client Information	Sampler(s): Dana Bloomfield	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Additional PZ	Project #:			
Site:				

Analysis Requested

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

Task_Code: SCH-CCR-ASSMT-2025S1
Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III and IV w/ Mg, Na, K	7470A - App IV Mercury	6020B - App III w/ Co, Mg, Na, K	2320B - Alkalinity, Total, Carb/Bicarb	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	Total Number of containers
			Preservation Code:				N	N	D	D	D	N	D	D	D	
SCH-PZ-25S	2/20/25	13:46	G	WG	N	N	X	X	X	X		X	X	X	X	6
SCH-PZ-25I	2/20/25	16:04	G	WG	N	N	X	X			X	X				4

680-262126 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

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

	Date/Time	Company		Date/Time	Company
Relinquished by:	2/21/25 WSP	WSP	Received by: Jake Stucky	2/21/25 1245	WSP
Relinquished by: Jake Stucky	2/21/25	WSP	Received by: Claudia Juarez	2/21/25 13:02	CWW
Relinquished by:	Date/Time:	Company	Received by:	2/21/25 1600	Eurofins

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.3/2.3

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262126-2

Login Number: 262126

List Source: Eurofins Savannah

List Number: 1

Creator: Munro, Caroline

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262126-2

Login Number: 262126
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/25/25 11:53 AM

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/11/2025 9:19:58 PM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

680-262130-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



Generated
3/11/2025 9:19:58 PM
Revision 1

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

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

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

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Glossary

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

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262130-1	SCH-SGWA-1	Water	02/20/25 11:59	02/21/25 16:00
680-262130-2	SCH-SGWA-2	Water	02/20/25 14:11	02/21/25 16:00
680-262130-3	SCH-SGWA-5	Water	02/20/25 11:20	02/21/25 16:00
680-262130-4	SCH-SGWC-6	Water	02/20/25 11:27	02/21/25 16:00
680-262130-5	SCH-SGWC-11	Water	02/20/25 10:45	02/21/25 16:00
680-262130-6	SCH-SGWC-15	Water	02/20/25 10:35	02/21/25 16:00
680-262130-7	SCH-SGWC-20	Water	02/20/25 11:08	02/21/25 16:00
680-262130-8	SCH-SGWA-3	Water	02/20/25 14:33	02/21/25 16:00
680-262130-9	SCH-AP1-EB-1	Water	02/20/25 12:33	02/21/25 16:00
680-262130-10	SCH-AP1-FB-2	Water	02/20/25 11:00	02/21/25 16:00
680-262130-11	SCH-PZ-42I	Water	02/20/25 14:00	02/21/25 16:00
680-262130-12	SCH-AP1-FB-4	Water	02/20/25 14:45	02/21/25 16:00
680-262130-13	SCH-SGWC-22	Water	02/20/25 15:05	02/21/25 16:00
680-262130-14	SCH-PZ-40I	Water	02/20/25 15:09	02/21/25 16:00
680-262130-15	SCH-SGWC-21	Water	02/20/25 16:35	02/21/25 16:00
680-262130-16	SCH-PZ-17I	Water	02/21/25 10:48	02/21/25 16:00
680-262130-17	SCH-AP1-EB-3	Water	02/21/25 10:58	02/21/25 16:00
680-262130-18	SCH-PZ-41S	Water	02/21/25 09:52	02/21/25 16:00
680-262130-19	SCH-AP1-FD-4	Water	02/21/25 00:00	02/21/25 16:00
680-262130-20	SCH-SGWC-18	Water	02/21/25 10:06	02/21/25 16:00
680-262130-21	SCH-SGWC-19	Water	02/21/25 10:19	02/21/25 16:00
680-262130-22	SCH-SGWC-23	Water	02/21/25 10:35	02/21/25 16:00

Job Narrative
680-262130-1

Revision 1
The report being provided is a revision of the original report sent on 3/6/2025. The report (revision 1) is being revised in order to remove page 3 of the Chain of Custody from the report as these samples were listed on page 2.

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

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

Receipt
The samples were received on 2/21/2025 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 0.4°C, 0.7°C, 1.1°C, 1.2°C, 1.5°C, 2.3°C, 2.6°C and 3.6°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batches 680-877352, 680-877431 and 680-877525 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batches 680-877431 and 680-877525 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride and Sulfate in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

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

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

General Chemistry
Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-SGWC-15 (680-262130-6), SCH-SGWC-20 (680-262130-7), SCH-PZ-42I (680-262130-11), SCH-SGWC-22 (680-262130-13), SCH-PZ-40I (680-262130-14), SCH-SGWC-21 (680-262130-15), SCH-PZ-17I (680-262130-16), SCH-PZ-41S (680-262130-18), SCH-AP1-FD-4 (680-262130-19), SCH-SGWC-18 (680-262130-20), SCH-SGWC-19 (680-262130-21) and SCH-SGWC-23 (680-262130-22).

Method 9034: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 680-876994 and analytical batch 680-877009 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample ID: SCH-SGWA-1

Lab Sample ID: 680-262130-1

Date Collected: 02/20/25 11:59

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.50**	**J**	1.0	0.40	mg/L			02/28/25 14:20	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 14:20	1
Chloride	**1.8**		1.0	0.20	mg/L			02/28/25 14:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 13:59	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 13:59	1
Barium	**0.047**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 13:59	1
Beryllium	**0.00037**	**J**	0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 13:59	1
Boron	**0.033**	**J**	0.080	0.022	mg/L		02/25/25 05:18	02/25/25 13:59	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 13:59	1
Calcium	**2.1**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 13:59	1
Chromium	**0.0033**		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 13:59	1
Cobalt	**0.00024**	**J**	0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 13:59	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 13:59	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 13:59	1
Magnesium	**1.0**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 13:59	1
Manganese	**0.047**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 13:59	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 13:59	1
Potassium	**0.80**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 13:59	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 13:59	1
Sodium	**3.2**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 13:59	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 13:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**11**		5.0	2.2	mg/L			02/25/25 20:06	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**11**		5.0	2.2	mg/L			02/25/25 20:06	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 20:06	1
Total Dissolved Solids (SM 2540C-2011)	**48**		10	10	mg/L			02/26/25 14:17	1

Client Sample ID: SCH-SGWA-2

Lab Sample ID: 680-262130-2

Date Collected: 02/20/25 14:11

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/28/25 14:30	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 14:30	1
Chloride	**1.3**		1.0	0.20	mg/L			02/28/25 14:30	1

Client Sample ID: SCH-SGWA-2

Lab Sample ID: 680-262130-2

Date Collected: 02/20/25 14:11

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 14:05	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 14:05	1
Barium	**0.041**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 14:05	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 14:05	1
Boron	**0.032**	**J**	0.080	0.022	mg/L		02/25/25 05:18	02/26/25 14:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 14:05	1
Calcium	**12**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 14:05	1
Chromium	**0.015**		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 14:05	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 14:05	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 14:05	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 14:05	1
Magnesium	**6.9**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 14:05	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 14:05	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 14:05	1
Potassium	**1.0**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 14:05	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 14:05	1
Sodium	**5.2**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 14:05	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 14:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**61**		5.0	2.2	mg/L			02/25/25 21:17	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**61**		5.0	2.2	mg/L			02/25/25 21:17	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 21:17	1
Total Dissolved Solids (SM 2540C-2011)	**100**		10	10	mg/L			02/26/25 14:17	1

Client Sample ID: SCH-SGWA-5

Lab Sample ID: 680-262130-3

Date Collected: 02/20/25 11:20

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40	F1	1.0	0.40	mg/L			02/28/25 15:22	1
Fluoride	<0.040	F1 F2	0.10	0.040	mg/L			02/28/25 15:22	1
Chloride	**1.9**	**F1**	1.0	0.20	mg/L			02/28/25 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 13:37	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 13:37	1
Barium	**0.014**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 13:37	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 13:37	1
Boron	**0.023**	**J**	0.080	0.022	mg/L		02/25/25 05:18	02/25/25 13:37	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 13:37	1

Client Sample ID: SCH-SGWA-5

Lab Sample ID: 680-262130-3

Date Collected: 02/20/25 11:20

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**1.8**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 13:37	1
Chromium	**0.0016**	**J**	0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 13:37	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 13:37	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 13:37	1
Lithium	**0.0031**	**J**	0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 13:37	1
Magnesium	**0.61**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 13:37	1
Manganese	**0.0034**	**J**	0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 13:37	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 13:37	1
Potassium	**0.60**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 13:37	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 13:37	1
Sodium	**12**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 13:37	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 13:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**30**		5.0	2.2	mg/L			02/25/25 20:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**30**		5.0	2.2	mg/L			02/25/25 20:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 20:36	1
Total Dissolved Solids (SM 2540C-2011)	**74**		10	10	mg/L			02/26/25 14:17	1

Client Sample ID: SCH-SGWC-6

Lab Sample ID: 680-262130-4

Date Collected: 02/20/25 11:27

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/28/25 15:51	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 15:51	1
Chloride	**2.6**		1.0	0.20	mg/L			02/28/25 15:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 14:07	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 14:07	1
Barium	**0.17**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 14:07	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 14:07	1
Boron	**0.069**	**J**	0.080	0.022	mg/L		02/25/25 05:18	02/25/25 14:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 14:07	1
Calcium	**13**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 14:07	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 14:07	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 14:07	1
Lead	**0.00054**	**J**	0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 14:07	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 14:07	1
Magnesium	**6.0**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 14:07	1

Client Sample ID: SCH-SGWC-6

Lab Sample ID: 680-262130-4

Date Collected: 02/20/25 11:27

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.024**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 14:07	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 14:07	1
Potassium	**1.1**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 14:07	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 14:07	1
Sodium	**14**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 14:07	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 14:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**76**		5.0	2.2	mg/L			02/25/25 21:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**76**		5.0	2.2	mg/L			02/25/25 21:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 21:09	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/26/25 14:17	1

Client Sample ID: SCH-SGWC-11

Lab Sample ID: 680-262130-5

Date Collected: 02/20/25 10:45

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**31**		1.0	0.40	mg/L			02/28/25 16:01	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 16:01	1
Chloride	**12**		1.0	0.20	mg/L			02/28/25 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 14:15	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 14:15	1
Barium	**0.072**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 14:15	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 14:15	1
Boron	**0.87**		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 14:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 14:15	1
Calcium	**3.3**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 14:15	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 14:15	1
Cobalt	**0.020**		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 14:15	1
Iron	**4.6**		0.10	0.012	mg/L		02/25/25 05:18	02/25/25 14:15	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 14:15	1
Lithium	**0.0043**	**J**	0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 14:15	1
Magnesium	**2.1**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 14:15	1
Manganese	**0.76**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 14:15	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 14:15	1
Potassium	**0.67**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 14:15	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 14:15	1
Sodium	**22**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 14:15	1

Client Sample ID: SCH-SGWC-11

Lab Sample ID: 680-262130-5

Date Collected: 02/20/25 10:45

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 14:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 08:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**20**		5.0	2.2	mg/L			02/25/25 19:59	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**20**		5.0	2.2	mg/L			02/25/25 19:59	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 19:59	1
Total Dissolved Solids (SM 2540C-2011)	**90**		10	10	mg/L			02/26/25 14:17	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-SGWC-15

Lab Sample ID: 680-262130-6

Date Collected: 02/20/25 10:35

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**210**		10	4.0	mg/L			02/28/25 16:11	10
Fluoride	<0.40		1.0	0.40	mg/L			02/28/25 16:11	10
Chloride	**11**		10	2.0	mg/L			02/28/25 16:11	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 14:09	1
Arsenic	**0.0012**		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 14:09	1
Barium	**0.025**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 14:09	1
Beryllium	**0.00054**	**J**	0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 14:09	1
Boron	**1.3**		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 14:09	1
Cadmium	**0.00024**	**J**	0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 14:09	1
Calcium	**16**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 14:09	1
Chromium	**0.033**		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 14:09	1
Cobalt	**0.23**		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 14:09	1
Iron	<0.012		0.10	0.012	mg/L		02/25/25 05:18	02/25/25 14:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 14:09	1
Lithium	**0.0038**	**J**	0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 14:09	1
Magnesium	**16**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 14:09	1
Manganese	**3.9**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 14:09	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 14:09	1
Potassium	**5.0**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 14:09	1
Selenium	**0.0035**	**J**	0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 14:09	1
Sodium	**55**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 14:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 14:09	1

Client Sample ID: SCH-SGWC-15

Lab Sample ID: 680-262130-6

Date Collected: 02/20/25 10:35

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00015**	**J**	0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 19:51	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 19:51	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 19:51	1
Total Dissolved Solids (SM 2540C-2011)	**320**		40	40	mg/L			02/26/25 14:17	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-SGWC-20

Lab Sample ID: 680-262130-7

Date Collected: 02/20/25 11:08

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**280**		10	4.0	mg/L			02/28/25 16:21	10
Fluoride	<0.40		1.0	0.40	mg/L			02/28/25 16:21	10
Chloride	**6.3**	**J**	10	2.0	mg/L			02/28/25 16:21	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 14:19	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 14:19	1
Barium	**0.022**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 14:19	1
Beryllium	**0.0011**	**J**	0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 14:19	1
Boron	**1.9**		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 14:19	1
Cadmium	**0.000090**	**J**	0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 14:19	1
Calcium	**22**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 14:19	1
Chromium	**0.0024**		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 14:19	1
Cobalt	**0.15**		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 14:19	1
Iron	**0.030**	**J**	0.10	0.012	mg/L		02/25/25 05:18	02/25/25 14:19	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 14:19	1
Lithium	**0.0071**		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 14:19	1
Magnesium	**27**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 14:19	1
Manganese	**2.0**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 14:19	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 14:19	1
Potassium	**3.7**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 14:19	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 14:19	1
Sodium	**69**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 14:19	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 14:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:00	1

Client Sample ID: SCH-SGWC-20

Lab Sample ID: 680-262130-7

Date Collected: 02/20/25 11:08

Matrix: Water

Date Received: 02/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 19:45	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 19:45	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 19:45	1
Total Dissolved Solids (SM 2540C-2011)	**390**		40	40	mg/L			02/26/25 14:17	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-SGWA-3

Lab Sample ID: 680-262130-8

Date Collected: 02/20/25 14:33

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.59**	**J**	1.0	0.40	mg/L			02/28/25 16:30	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 16:30	1
Chloride	**2.0**		1.0	0.20	mg/L			02/28/25 16:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 13:57	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 13:57	1
Barium	**0.038**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 13:57	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 13:57	1
Boron	**0.068**	**J**	0.080	0.022	mg/L		02/25/25 05:18	02/25/25 13:57	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 13:57	1
Calcium	**6.4**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 13:57	1
Chromium	**0.027**		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 13:57	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 13:57	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 13:57	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 13:57	1
Magnesium	**5.1**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 13:57	1
Manganese	**0.0083**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 13:57	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 13:57	1
Potassium	**1.2**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 13:57	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 13:57	1
Sodium	**4.0**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 13:57	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 13:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**38**		5.0	2.2	mg/L			02/25/25 20:54	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**35**		5.0	2.2	mg/L			02/25/25 20:54	1

Client Sample ID: SCH-SGWA-3

Lab Sample ID: 680-262130-8

Date Collected: 02/20/25 14:33

Matrix: Water

Date Received: 02/21/25 16:00

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 20:54	1
Total Dissolved Solids (SM 2540C-2011)	**51**		10	10	mg/L			02/26/25 14:17	1

Client Sample ID: SCH-AP1-EB-1

Lab Sample ID: 680-262130-9

Date Collected: 02/20/25 12:33

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/28/25 16:40	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 16:40	1
Chloride	<0.20		1.0	0.20	mg/L			02/28/25 16:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 13:43	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 13:43	1
Barium	<0.00089		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 13:43	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 13:43	1
Boron	<0.022		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 13:43	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 13:43	1
Calcium	<0.14		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 13:43	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 13:43	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 13:43	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 13:43	1
Lithium	**0.0025**	**J**	0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 13:43	1
Magnesium	<0.023		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 13:43	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 13:43	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 13:43	1
Potassium	<0.044		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 13:43	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 13:43	1
Sodium	<0.20		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 13:43	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 13:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 20:59	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 20:59	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 20:59	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/26/25 14:17	1

Client Sample ID: SCH-AP1-FB-2

Lab Sample ID: 680-262130-10

Date Collected: 02/20/25 11:00

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/28/25 16:50	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 16:50	1
Chloride	<0.20		1.0	0.20	mg/L			02/28/25 16:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 14:23	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 14:23	1
Barium	**0.0019**	**J**	0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 14:23	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 14:23	1
Boron	**0.063**	**J**	0.080	0.022	mg/L		02/25/25 05:18	02/25/25 14:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 14:23	1
Calcium	<0.14		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 14:23	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 14:23	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 14:23	1
Iron	<0.012		0.10	0.012	mg/L		02/25/25 05:18	02/25/25 14:23	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 14:23	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 14:23	1
Magnesium	<0.023		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 14:23	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 14:23	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 14:23	1
Potassium	<0.044		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 14:23	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 14:23	1
Sodium	<0.20		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 14:23	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 14:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 00:06	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 00:06	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 00:06	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/26/25 14:17	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-PZ-42I

Lab Sample ID: 680-262130-11

Date Collected: 02/20/25 14:00

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**190**		10	4.0	mg/L			02/28/25 17:00	10
Fluoride	<0.40		1.0	0.40	mg/L			02/28/25 17:00	10
Chloride	**11**		10	2.0	mg/L			02/28/25 17:00	10

Client Sample ID: SCH-PZ-42I

Lab Sample ID: 680-262130-11

Date Collected: 02/20/25 14:00

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00090**	**J**	0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 13:55	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 13:55	1
Barium	**0.047**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 13:55	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 13:55	1
Boron	**2.3**		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 13:55	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 13:55	1
Calcium	**77**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 13:55	1
Chromium	**0.0012**	**J**	0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 13:55	1
Cobalt	**0.00035**	**J**	0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 13:55	1
Iron	**0.069**	**J**	0.10	0.012	mg/L		02/25/25 05:18	02/25/25 13:55	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 13:55	1
Lithium	**0.028**		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 13:55	1
Magnesium	**19**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 13:55	1
Manganese	**0.22**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 13:55	1
Molybdenum	**0.0097**	**J**	0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 13:55	1
Potassium	**8.4**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 13:55	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 13:55	1
Sodium	**28**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 13:55	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 13:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:18	03/04/25 19:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**94**		5.0	2.2	mg/L			02/25/25 21:42	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**94**		5.0	2.2	mg/L			02/25/25 21:42	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 21:42	1
Total Dissolved Solids (SM 2540C-2011)	**430**		40	40	mg/L			02/26/25 14:17	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-AP1-FB-4

Lab Sample ID: 680-262130-12

Date Collected: 02/20/25 14:45

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/28/25 17:09	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 17:09	1
Chloride	<0.20		1.0	0.20	mg/L			02/28/25 17:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 13:53	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 13:53	1
Barium	<0.00089		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 13:53	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 13:53	1

Client Sample ID: SCH-AP1-FB-4

Date Collected: 02/20/25 14:45
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.046**	**J**	0.080	0.022	mg/L		02/25/25 05:18	02/25/25 13:53	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 13:53	1
Calcium	<0.14		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 13:53	1
Chromium	**0.0013**	**J**	0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 13:53	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 13:53	1
Iron	**0.061**	**J**	0.10	0.012	mg/L		02/25/25 05:18	02/25/25 13:53	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 13:53	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 13:53	1
Magnesium	<0.023		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 13:53	1
Manganese	**0.0058**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 13:53	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 13:53	1
Potassium	<0.044		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 13:53	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 13:53	1
Sodium	<0.20		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 13:53	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 13:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 00:33	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 00:33	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 00:33	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/26/25 14:17	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-SGWC-22

Date Collected: 02/20/25 15:05
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**88**		5.0	2.0	mg/L			03/01/25 16:54	5
Fluoride	<0.20		0.50	0.20	mg/L			03/01/25 16:54	5
Chloride	**10**		5.0	1.0	mg/L			03/01/25 16:54	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 14:21	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 14:21	1
Barium	**0.071**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 14:21	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 14:21	1
Boron	**0.52**		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 14:21	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 14:21	1
Calcium	**25**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 14:21	1
Chromium	**0.0013**	**J**	0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 14:21	1

Client Sample ID: SCH-SGWC-22

Lab Sample ID: 680-262130-13

Date Collected: 02/20/25 15:05

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.00073**	**J**	0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 14:21	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 14:21	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 14:21	1
Magnesium	**13**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 14:21	1
Manganese	**0.11**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 14:21	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 14:21	1
Potassium	**2.4**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 14:21	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 14:21	1
Sodium	**19**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 14:21	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 14:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 08:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**48**		5.0	2.2	mg/L			02/26/25 00:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**48**		5.0	2.2	mg/L			02/26/25 00:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 00:20	1
Total Dissolved Solids (SM 2540C-2011)	**210**		40	40	mg/L			02/26/25 14:17	1

Client Sample ID: SCH-PZ-40I

Lab Sample ID: 680-262130-14

Date Collected: 02/20/25 15:09

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**460**		25	10	mg/L			03/01/25 17:04	25
Fluoride	<1.0		2.5	1.0	mg/L			03/01/25 17:04	25
Chloride	<5.0		25	5.0	mg/L			03/01/25 17:04	25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 14:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 14:17	1
Barium	**0.033**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 14:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 14:17	1
Boron	**4.6**		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 14:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 14:17	1
Calcium	**140**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 14:17	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 14:17	1
Cobalt	**0.00094**	**J**	0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 14:17	1
Iron	**0.53**		0.10	0.012	mg/L		02/25/25 05:18	02/25/25 14:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 14:17	1
Lithium	**0.013**		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 14:17	1
Magnesium	**60**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 14:17	1
Manganese	**0.20**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 14:17	1

Client Sample ID: SCH-PZ-40I

Lab Sample ID: 680-262130-14

Date Collected: 02/20/25 15:09

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 14:17	1
Potassium	**8.5**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 14:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 14:17	1
Sodium	**74**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 14:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 14:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**38**		5.0	2.2	mg/L			02/26/25 00:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**38**		5.0	2.2	mg/L			02/26/25 00:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 00:28	1
Total Dissolved Solids (SM 2540C-2011)	**980**		40	40	mg/L			02/26/25 14:17	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-SGWC-21

Lab Sample ID: 680-262130-15

Date Collected: 02/20/25 16:35

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**120**		5.0	2.0	mg/L			03/01/25 17:14	5
Fluoride	<0.20		0.50	0.20	mg/L			03/01/25 17:14	5
Chloride	**5.5**		5.0	1.0	mg/L			03/01/25 17:14	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 14:27	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 14:27	1
Barium	**0.12**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 14:27	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 14:27	1
Boron	**1.3**		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 14:27	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 14:27	1
Calcium	**42**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 14:27	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 14:27	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 14:27	1
Lead	**0.0047**		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 14:27	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 14:27	1
Magnesium	**16**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 14:27	1
Manganese	**0.055**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 14:27	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 14:27	1
Potassium	**1.7**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 14:27	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 14:27	1
Sodium	**69**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 14:27	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 14:27	1

Client Sample ID: SCH-SGWC-21

Lab Sample ID: 680-262130-15

Date Collected: 02/20/25 16:35

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**180**		5.0	2.2	mg/L			02/25/25 21:52	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**180**		5.0	2.2	mg/L			02/25/25 21:52	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 21:52	1
Total Dissolved Solids (SM 2540C-2011)	**380**		40	40	mg/L			02/26/25 14:17	1

Client Sample ID: SCH-PZ-17I

Lab Sample ID: 680-262130-16

Date Collected: 02/21/25 10:48

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**92**		5.0	2.0	mg/L			03/01/25 17:23	5
Fluoride	<0.20		0.50	0.20	mg/L			03/01/25 17:23	5
Chloride	**4.9**	**J**	5.0	1.0	mg/L			03/01/25 17:23	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 14:25	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 14:25	1
Barium	**0.060**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 14:25	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 14:25	1
Boron	**0.18**		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 14:25	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 14:25	1
Calcium	**34**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 14:25	1
Chromium	**0.0032**		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 14:25	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 14:25	1
Iron	<0.012		0.10	0.012	mg/L		02/25/25 05:18	02/25/25 14:25	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 14:25	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 14:25	1
Magnesium	**16**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 14:25	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 14:25	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 14:25	1
Potassium	**2.1**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 14:25	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 14:25	1
Sodium	**13**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 14:25	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 14:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:19	1

Client Sample ID: SCH-PZ-17I

Lab Sample ID: 680-262130-16

Date Collected: 02/21/25 10:48

Matrix: Water

Date Received: 02/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**60**		5.0	2.2	mg/L			02/25/25 21:33	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**60**		5.0	2.2	mg/L			02/25/25 21:33	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 21:33	1
Total Dissolved Solids (SM 2540C-2011)	**240**		40	40	mg/L			02/27/25 17:29	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-AP1-EB-3

Lab Sample ID: 680-262130-17

Date Collected: 02/21/25 10:58

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/01/25 17:33	1
Fluoride	<0.040		0.10	0.040	mg/L			03/01/25 17:33	1
Chloride	<0.20		1.0	0.20	mg/L			03/01/25 17:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 12:50	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 12:50	1
Barium	<0.00089		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 12:50	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 12:50	1
Boron	<0.022		0.080	0.022	mg/L		02/25/25 05:18	02/26/25 14:25	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 12:50	1
Calcium	<0.14		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 12:50	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 12:50	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 12:50	1
Iron	**0.014**	**J**	0.10	0.012	mg/L		02/25/25 05:18	02/25/25 12:50	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 12:50	1
Lithium	**0.0033**	**J B**	0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 12:50	1
Magnesium	<0.023		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 12:50	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 12:50	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 12:50	1
Potassium	<0.044		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 12:50	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 12:50	1
Sodium	<0.20		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 12:50	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 12:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 00:39	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 00:39	1

Client Sample ID: SCH-AP1-EB-3

Lab Sample ID: 680-262130-17

Date Collected: 02/21/25 10:58

Matrix: Water

Date Received: 02/21/25 16:00

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 00:39	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/27/25 17:29	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-PZ-41S

Lab Sample ID: 680-262130-18

Date Collected: 02/21/25 09:52

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**890**		25	10	mg/L			03/01/25 17:43	25
Fluoride	<1.0		2.5	1.0	mg/L			03/01/25 17:43	25
Chloride	**9.5**	**J**	25	5.0	mg/L			03/01/25 17:43	25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 12:44	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 12:44	1
Barium	**0.024**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 12:44	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 12:44	1
Boron	**3.8**		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 12:44	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 12:44	1
Calcium	**170**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 12:44	1
Chromium	**0.0059**		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 12:44	1
Cobalt	**0.00022**	**J**	0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 12:44	1
Iron	**0.020**	**J**	0.10	0.012	mg/L		02/25/25 05:18	02/25/25 12:44	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 12:44	1
Lithium	**0.0057**	**B**	0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 12:44	1
Magnesium	**68**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 12:44	1
Manganese	**0.0048**	**J**	0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 12:44	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 12:44	1
Potassium	**4.8**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 12:44	1
Selenium	**0.0051**		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 12:44	1
Sodium	**74**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 12:44	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 12:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**13**		5.0	2.2	mg/L			02/25/25 22:00	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**13**		5.0	2.2	mg/L			02/25/25 22:00	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 22:00	1
Total Dissolved Solids (SM 2540C-2011)	**1100**		40	40	mg/L			02/27/25 17:29	1

Client Sample ID: SCH-PZ-41S

Lab Sample ID: 680-262130-18

Date Collected: 02/21/25 09:52

Matrix: Water

Date Received: 02/21/25 16:00

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-AP1-FD-4

Lab Sample ID: 680-262130-19

Date Collected: 02/21/25 00:00

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**760**		100	40	mg/L			03/03/25 12:33	100
Fluoride	<0.040		0.10	0.040	mg/L			03/01/25 17:53	1
Chloride	**11**		1.0	0.20	mg/L			03/01/25 17:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 14:03	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 14:03	1
Barium	**0.023**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 14:03	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 14:03	1
Boron	**3.9**		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 14:03	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 14:03	1
Calcium	**170**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 14:03	1
Chromium	**0.0062**		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 14:03	1
Cobalt	**0.00028**	**J**	0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 14:03	1
Iron	**0.023**	**J**	0.10	0.012	mg/L		02/25/25 05:18	02/25/25 14:03	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 14:03	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 14:03	1
Magnesium	**67**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 14:03	1
Manganese	**0.0053**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 14:03	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 14:03	1
Potassium	**4.7**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 14:03	1
Selenium	**0.0044**	**J**	0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 14:03	1
Sodium	**73**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 14:03	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 14:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**13**		5.0	2.2	mg/L			02/25/25 21:25	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**13**		5.0	2.2	mg/L			02/25/25 21:25	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/25/25 21:25	1
Total Dissolved Solids (SM 2540C-2011)	**1100**		40	40	mg/L			02/27/25 17:29	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-SGWC-18

Lab Sample ID: 680-262130-20

Date Collected: 02/21/25 10:06

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**850**		50	20	mg/L			03/01/25 18:13	50
Fluoride	<2.0		5.0	2.0	mg/L			03/01/25 18:13	50
Chloride	<10		50	10	mg/L			03/01/25 18:13	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 14:01	1
Arsenic	**0.0012**		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 14:01	1
Barium	**0.0093**	**J**	0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 14:01	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 14:01	1
Boron	**5.5**		0.80	0.22	mg/L		02/25/25 05:18	02/26/25 14:27	10
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 14:01	1
Calcium	**37**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 14:01	1
Chromium	**0.0098**		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 14:01	1
Cobalt	**0.058**		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 14:01	1
Iron	**0.071**	**J**	0.10	0.012	mg/L		02/25/25 05:18	02/25/25 14:01	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 14:01	1
Lithium	**0.0026**	**J**	0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 14:01	1
Magnesium	**17**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 14:01	1
Manganese	**0.62**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 14:01	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 14:01	1
Potassium	**2.9**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 14:01	1
Selenium	**0.0031**	**J**	0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 14:01	1
Sodium	**340**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 14:01	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 14:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 01:01	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 01:01	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 01:01	1
Total Dissolved Solids (SM 2540C-2011)	**1100**		40	40	mg/L			02/27/25 17:29	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Client Sample ID: SCH-SGWC-19

Lab Sample ID: 680-262130-21

Date Collected: 02/21/25 10:19

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**270**		25	10	mg/L			03/03/25 12:23	25
Fluoride	<0.080		0.20	0.080	mg/L			03/01/25 18:22	2
Chloride	**12**		2.0	0.40	mg/L			03/01/25 18:22	2

Client Sample ID: SCH-SGWC-19

Lab Sample ID: 680-262130-21

Date Collected: 02/21/25 10:19

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 13:51	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 13:51	1
Barium	**0.024**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 13:51	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 13:51	1
Boron	**2.0**		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 13:51	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 13:51	1
Calcium	**43**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 13:51	1
Chromium	**0.015**		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 13:51	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 13:51	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 13:51	1
Lithium	**0.016**		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 13:51	1
Magnesium	**22**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 13:51	1
Manganese	**0.034**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 13:51	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 13:51	1
Potassium	**2.8**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 13:51	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 13:51	1
Sodium	**56**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 13:51	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 13:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 09:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**11**		5.0	2.2	mg/L			02/26/25 00:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**11**		5.0	2.2	mg/L			02/26/25 00:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 00:55	1
Total Dissolved Solids (SM 2540C-2011)	**420**		40	40	mg/L			02/27/25 17:29	1

Client Sample ID: SCH-SGWC-23

Lab Sample ID: 680-262130-22

Date Collected: 02/21/25 10:35

Matrix: Water

Date Received: 02/21/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**52**		2.0	0.80	mg/L			03/01/25 19:21	2
Fluoride	<0.080		0.20	0.080	mg/L			03/01/25 19:21	2
Chloride	**8.0**		2.0	0.40	mg/L			03/01/25 19:21	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 13:45	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 13:45	1
Barium	**0.064**		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 13:45	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 13:45	1
Boron	**0.35**		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 13:45	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 13:45	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-1

Client Sample ID: SCH-SGWC-23
Date Collected: 02/21/25 10:35
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-22
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**19**		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 13:45	1
Chromium	**0.0022**		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 13:45	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 13:45	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 13:45	1
Lithium	**0.0051**		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 13:45	1
Magnesium	**10**		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 13:45	1
Manganese	**0.057**		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 13:45	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 13:45	1
Potassium	**1.5**		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 13:45	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 13:45	1
Sodium	**20**		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 13:45	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 13:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:20	03/05/25 10:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**60**		5.0	2.2	mg/L			02/26/25 00:47	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**60**		5.0	2.2	mg/L			02/26/25 00:47	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 00:47	1
Total Dissolved Solids (SM 2540C-2011)	**190**		40	40	mg/L			02/27/25 17:29	1

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

Lab Sample ID: MB 680-877352/2
Matrix: Water
Analysis Batch: 877352

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			02/28/25 11:15	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 11:15	1
Chloride	<0.20		1.0	0.20	mg/L			02/28/25 11:15	1

Lab Sample ID: LCS 680-877352/3
Matrix: Water
Analysis Batch: 877352

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	9.66		mg/L		97	90 - 110
Fluoride	2.00	1.93		mg/L		96	90 - 110
Chloride	10.0	9.16		mg/L		92	90 - 110

Lab Sample ID: LCSD 680-877352/4
Matrix: Water
Analysis Batch: 877352

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	9.43		mg/L		94	90 - 110	2	15
Fluoride	2.00	1.89		mg/L		94	90 - 110	2	15
Chloride	10.0	9.03		mg/L		90	90 - 110	1	15

Lab Sample ID: 680-262130-3 MS
Matrix: Water
Analysis Batch: 877352

Client Sample ID: SCH-SGWA-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	<0.40	F1	10.0	4.22	F1	mg/L		42	80 - 120
Fluoride	<0.040	F1 F2	2.00	0.952	F1	mg/L		48	80 - 120
Chloride	1.9	F1	10.0	6.87	F1	mg/L		50	80 - 120

Lab Sample ID: 680-262130-3 MSD
Matrix: Water
Analysis Batch: 877352

Client Sample ID: SCH-SGWA-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	<0.40	F1	10.0	3.72	F1	mg/L		37	80 - 120	12	15
Fluoride	<0.040	F1 F2	2.00	0.797	F1 F2	mg/L		40	80 - 120	18	15
Chloride	1.9	F1	10.0	6.91	F1	mg/L		50	80 - 120	0	15

Lab Sample ID: MB 680-877431/2
Matrix: Water
Analysis Batch: 877431

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/01/25 12:05	1
Fluoride	<0.040		0.10	0.040	mg/L			03/01/25 12:05	1
Chloride	<0.20		1.0	0.20	mg/L			03/01/25 12:05	1

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

Lab Sample ID: LCS 680-877431/3
Matrix: Water
Analysis Batch: 877431

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.7		mg/L		107	90 - 110		
Fluoride			2.00	1.91		mg/L		95	90 - 110		
Chloride			10.0	9.66		mg/L		97	90 - 110		

Lab Sample ID: LCSD 680-877431/4
Matrix: Water
Analysis Batch: 877431

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.9		mg/L		109	90 - 110	2	15
Fluoride			2.00	2.03		mg/L		101	90 - 110	6	15
Chloride			10.0	10.3		mg/L		103	90 - 110	7	15

Lab Sample ID: 680-262088-B-4 MS
Matrix: Water
Analysis Batch: 877431

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	55	F1	20.0	58.8	F1	mg/L		17	80 - 120		
Fluoride	<0.080	F1 F2	4.00	1.34	F1	mg/L		33	80 - 120		
Chloride	5.8	F1	20.0	12.6	F1	mg/L		34	80 - 120		

Lab Sample ID: 680-262088-B-4 MSD
Matrix: Water
Analysis Batch: 877431

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	55	F1	20.0	58.9	F1	mg/L		17	80 - 120	0	15
Fluoride	<0.080	F1 F2	4.00	1.61	F1 F2	mg/L		40	80 - 120	18	15
Chloride	5.8	F1	20.0	13.9	F1	mg/L		41	80 - 120	10	15

Lab Sample ID: 680-262176-H-1 MS
Matrix: Water
Analysis Batch: 877431

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	40	F1	20.0	63.8	E F1	mg/L		121	80 - 120		
Fluoride	<0.040		4.00	3.54		mg/L		88	80 - 120		
Chloride	6.1		20.0	24.5	E	mg/L		92	80 - 120		

Lab Sample ID: 680-262176-H-1 MSD
Matrix: Water
Analysis Batch: 877431

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	40	F1	20.0	64.1	E F1	mg/L		123	80 - 120	1	15
Fluoride	<0.040		4.00	3.66		mg/L		91	80 - 120	3	15
Chloride	6.1		20.0	25.1	E	mg/L		95	80 - 120	2	15

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

Lab Sample ID: MB 680-877525/2
Matrix: Water
Analysis Batch: 877525

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/03/25 10:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 10:01	1
Chloride	<0.20		1.0	0.20	mg/L			03/03/25 10:01	1

Lab Sample ID: LCS 680-877525/3
Matrix: Water
Analysis Batch: 877525

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.6		mg/L		106	90 - 110
Fluoride	2.00	1.85		mg/L		92	90 - 110
Chloride	10.0	9.94		mg/L		99	90 - 110

Lab Sample ID: LCSD 680-877525/4
Matrix: Water
Analysis Batch: 877525

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	10.6		mg/L		106	90 - 110	1	15
Fluoride	2.00	1.86		mg/L		93	90 - 110	1	15
Chloride	10.0	10.0		mg/L		100	90 - 110	1	15

Lab Sample ID: 680-262289-D-7 MS
Matrix: Water
Analysis Batch: 877525

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	20	F1	10.0	29.8		mg/L		94	80 - 120
Fluoride	<0.040	F1 F2	2.00	1.25	F1	mg/L		62	80 - 120
Chloride	26	E F1	10.0	32.2	E F1	mg/L		60	80 - 120

Lab Sample ID: 680-262289-D-7 MSD
Matrix: Water
Analysis Batch: 877525

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	20	F1	10.0	33.9	F1	mg/L		134	80 - 120	13	15
Fluoride	<0.040	F1 F2	2.00	1.77	F2	mg/L		89	80 - 120	35	15
Chloride	26	E F1	10.0	34.5	E	mg/L		83	80 - 120	7	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-876855/1-A
Matrix: Water
Analysis Batch: 877033

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876855

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 13:33	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 13:33	1
Barium	<0.00089		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 13:33	1

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

Lab Sample ID: MB 680-876855/1-A
Matrix: Water
Analysis Batch: 877033

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876855

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 13:33	1
Boron	<0.022		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 13:33	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 13:33	1
Calcium	<0.14		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 13:33	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 13:33	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 13:33	1
Iron	<0.012		0.10	0.012	mg/L		02/25/25 05:18	02/25/25 13:33	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 13:33	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 13:33	1
Magnesium	<0.023		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 13:33	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 13:33	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 13:33	1
Potassium	<0.044		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 13:33	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 13:33	1
Sodium	<0.20		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 13:33	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 13:33	1

Lab Sample ID: LCS 680-876855/2-A
Matrix: Water
Analysis Batch: 877033

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876855

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0476		mg/L		95	80 - 120
Arsenic	0.100	0.0998		mg/L		100	80 - 120
Barium	0.100	0.0984		mg/L		98	80 - 120
Beryllium	0.0500	0.0494		mg/L		99	80 - 120
Boron	0.400	0.379		mg/L		95	80 - 120
Cadmium	0.0500	0.0507		mg/L		101	80 - 120
Calcium	5.00	5.12		mg/L		102	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0457		mg/L		91	80 - 120
Iron	5.00	5.22		mg/L		104	80 - 120
Lead	0.500	0.507		mg/L		101	80 - 120
Lithium	0.500	0.504		mg/L		101	80 - 120
Magnesium	5.00	4.86		mg/L		97	80 - 120
Manganese	0.400	0.409		mg/L		102	80 - 120
Molybdenum	0.100	0.0951		mg/L		95	80 - 120
Potassium	7.00	7.41		mg/L		106	80 - 120
Selenium	0.100	0.0951		mg/L		95	80 - 120
Sodium	5.00	5.34		mg/L		107	80 - 120
Thallium	0.0500	0.0519		mg/L		104	80 - 120

Lab Sample ID: 680-262130-3 MS
Matrix: Water
Analysis Batch: 877033

Client Sample ID: SCH-SGWA-5
Prep Type: Total Recoverable
Prep Batch: 876855

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0504		mg/L		101	75 - 125
Arsenic	<0.00086		0.100	0.108		mg/L		108	75 - 125

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

Lab Sample ID: 680-262130-3 MS
Matrix: Water
Analysis Batch: 877033

Client Sample ID: SCH-SGWA-5
Prep Type: Total Recoverable
Prep Batch: 876855

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.014		0.100	0.118		mg/L		104	75 - 125
Beryllium	<0.00020		0.0500	0.0540		mg/L		108	75 - 125
Boron	0.023	J	0.400	0.421		mg/L		100	75 - 125
Cadmium	<0.000078		0.0500	0.0553		mg/L		111	75 - 125
Calcium	1.8		5.00	7.45		mg/L		112	75 - 125
Chromium	0.0016	J	0.100	0.112		mg/L		111	75 - 125
Cobalt	<0.00022		0.0500	0.0493		mg/L		99	75 - 125
Iron	<12		5.00	5.55		mg/L		111	75 - 125
Lead	<0.00021		0.500	0.538		mg/L		108	75 - 125
Lithium	0.0031	J	0.500	0.530		mg/L		105	75 - 125
Magnesium	0.61		5.00	5.82		mg/L		104	75 - 125
Manganese	0.0034	J	0.400	0.439		mg/L		109	75 - 125
Molybdenum	<0.00086		0.100	0.102		mg/L		102	75 - 125
Potassium	0.60		7.00	8.40		mg/L		111	75 - 125
Selenium	<0.00099		0.100	0.106		mg/L		106	75 - 125
Sodium	12		5.00	17.7		mg/L		123	75 - 125
Thallium	<0.00026		0.0500	0.0552		mg/L		110	75 - 125

Lab Sample ID: 680-262130-3 MSD
Matrix: Water
Analysis Batch: 877033

Client Sample ID: SCH-SGWA-5
Prep Type: Total Recoverable
Prep Batch: 876855

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0492		mg/L		98	75 - 125	2	20
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125	2	20
Barium	0.014		0.100	0.116		mg/L		101	75 - 125	2	20
Beryllium	<0.00020		0.0500	0.0521		mg/L		104	75 - 125	3	20
Boron	0.023	J	0.400	0.410		mg/L		97	75 - 125	3	20
Cadmium	<0.000078		0.0500	0.0544		mg/L		109	75 - 125	2	20
Calcium	1.8		5.00	7.22		mg/L		107	75 - 125	3	20
Chromium	0.0016	J	0.100	0.111		mg/L		109	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0486		mg/L		97	75 - 125	1	20
Iron	<12		5.00	5.52		mg/L		110	75 - 125	1	20
Lead	<0.00021		0.500	0.531		mg/L		106	75 - 125	1	20
Lithium	0.0031	J	0.500	0.524		mg/L		104	75 - 125	1	20
Magnesium	0.61		5.00	5.67		mg/L		101	75 - 125	3	20
Manganese	0.0034	J	0.400	0.435		mg/L		108	75 - 125	1	20
Molybdenum	<0.00086		0.100	0.100		mg/L		100	75 - 125	1	20
Potassium	0.60		7.00	8.26		mg/L		110	75 - 125	2	20
Selenium	<0.00099		0.100	0.108		mg/L		108	75 - 125	1	20
Sodium	12		5.00	17.2		mg/L		112	75 - 125	3	20
Thallium	<0.00026		0.0500	0.0545		mg/L		109	75 - 125	1	20

Lab Sample ID: MB 680-876856/1-A
Matrix: Water
Analysis Batch: 877033

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:18	02/25/25 12:40	1

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

Lab Sample ID: MB 680-876856/1-A
Matrix: Water
Analysis Batch: 877033

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:18	02/25/25 12:40	1
Barium	<0.00089		0.010	0.00089	mg/L		02/25/25 05:18	02/25/25 12:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:18	02/25/25 12:40	1
Boron	<0.022		0.080	0.022	mg/L		02/25/25 05:18	02/25/25 12:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:18	02/25/25 12:40	1
Calcium	<0.14		0.50	0.14	mg/L		02/25/25 05:18	02/25/25 12:40	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/25/25 05:18	02/25/25 12:40	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:18	02/25/25 12:40	1
Iron	<0.012		0.10	0.012	mg/L		02/25/25 05:18	02/25/25 12:40	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:18	02/25/25 12:40	1
Lithium	0.00261	J	0.0050	0.0020	mg/L		02/25/25 05:18	02/25/25 12:40	1
Magnesium	<0.023		0.50	0.023	mg/L		02/25/25 05:18	02/25/25 12:40	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/25/25 05:18	02/25/25 12:40	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/25/25 05:18	02/25/25 12:40	1
Potassium	<0.044		0.50	0.044	mg/L		02/25/25 05:18	02/25/25 12:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:18	02/25/25 12:40	1
Sodium	<0.20		0.50	0.20	mg/L		02/25/25 05:18	02/25/25 12:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:18	02/25/25 12:40	1

Lab Sample ID: LCS 680-876856/2-A
Matrix: Water
Analysis Batch: 877033

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0485		mg/L		97	80 - 120
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.100	0.0989		mg/L		99	80 - 120
Beryllium	0.0500	0.0526		mg/L		105	80 - 120
Boron	0.400	0.398		mg/L		99	80 - 120
Cadmium	0.0500	0.0515		mg/L		103	80 - 120
Calcium	5.00	5.27		mg/L		105	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0466		mg/L		93	80 - 120
Iron	5.00	5.20		mg/L		104	80 - 120
Lead	0.500	0.502		mg/L		100	80 - 120
Lithium	0.500	0.501		mg/L		100	80 - 120
Magnesium	5.00	4.82		mg/L		96	80 - 120
Manganese	0.400	0.408		mg/L		102	80 - 120
Molybdenum	0.100	0.0964		mg/L		96	80 - 120
Potassium	7.00	7.43		mg/L		106	80 - 120
Selenium	0.100	0.101		mg/L		101	80 - 120
Sodium	5.00	5.56		mg/L		111	80 - 120
Thallium	0.0500	0.0516		mg/L		103	80 - 120

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

Lab Sample ID: 680-262130-18 MS
Matrix: Water
Analysis Batch: 877033

Client Sample ID: SCH-PZ-41S
Prep Type: Total Recoverable
Prep Batch: 876856

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0476		mg/L		95	75 - 125
Arsenic	<0.00086		0.100	0.103		mg/L		103	75 - 125
Barium	0.024		0.100	0.121		mg/L		97	75 - 125
Beryllium	<0.00020		0.0500	0.0505		mg/L		101	75 - 125
Boron	3.8		0.400	4.07	4	mg/L		62	75 - 125
Cadmium	<0.000078		0.0500	0.0506		mg/L		101	75 - 125
Calcium	170		5.00	170	4	mg/L		-63	75 - 125
Chromium	0.0059		0.100	0.108		mg/L		102	75 - 125
Cobalt	0.00022	J	0.0500	0.0457		mg/L		91	75 - 125
Iron	0.020	J	5.00	5.30		mg/L		106	75 - 125
Lead	<0.00021		0.500	0.497		mg/L		99	75 - 125
Lithium	0.0057	B	0.500	0.500		mg/L		99	75 - 125
Magnesium	68		5.00	69.7	4	mg/L		38	75 - 125
Manganese	0.0048	J	0.400	0.412		mg/L		102	75 - 125
Molybdenum	<0.00086		0.100	0.0969		mg/L		97	75 - 125
Potassium	4.8		7.00	12.4		mg/L		109	75 - 125
Selenium	0.0051		0.100	0.108		mg/L		103	75 - 125
Sodium	74		5.00	76.2	4	mg/L		38	75 - 125
Thallium	<0.00026		0.0500	0.0518		mg/L		104	75 - 125

Lab Sample ID: 680-262130-18 MSD
Matrix: Water
Analysis Batch: 877033

Client Sample ID: SCH-PZ-41S
Prep Type: Total Recoverable
Prep Batch: 876856

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0487		mg/L		97	75 - 125	2	20
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125	1	20
Barium	0.024		0.100	0.124		mg/L		101	75 - 125	3	20
Beryllium	<0.00020		0.0500	0.0496		mg/L		99	75 - 125	2	20
Boron	3.8		0.400	4.05	4	mg/L		57	75 - 125	0	20
Cadmium	<0.000078		0.0500	0.0526		mg/L		105	75 - 125	4	20
Calcium	170		5.00	170	4	mg/L		-50	75 - 125	0	20
Chromium	0.0059		0.100	0.110		mg/L		104	75 - 125	1	20
Cobalt	0.00022	J	0.0500	0.0472		mg/L		94	75 - 125	3	20
Iron	0.020	J	5.00	5.29		mg/L		105	75 - 125	0	20
Lead	<0.00021		0.500	0.509		mg/L		102	75 - 125	2	20
Lithium	0.0057	B	0.500	0.508		mg/L		100	75 - 125	2	20
Magnesium	68		5.00	69.5	4	mg/L		34	75 - 125	0	20
Manganese	0.0048	J	0.400	0.418		mg/L		103	75 - 125	1	20
Molybdenum	<0.00086		0.100	0.0995		mg/L		100	75 - 125	3	20
Potassium	4.8		7.00	12.4		mg/L		108	75 - 125	0	20
Selenium	0.0051		0.100	0.107		mg/L		102	75 - 125	1	20
Sodium	74		5.00	75.6	4	mg/L		26	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0529		mg/L		106	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-877714/1-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:30	1

Lab Sample ID: LCS 680-877714/2-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00251		mg/L		100	80 - 120

Lab Sample ID: 680-262088-C-4-C MS
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 877714

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

Lab Sample ID: 680-262088-C-4-D MSD
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 877714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00100		mg/L		100	80 - 120	1	20

Lab Sample ID: MB 680-877738/1-A
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877738

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:20	03/05/25 09:51	1

Lab Sample ID: LCS 680-877738/2-A
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877738

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00248		mg/L		99	80 - 120

Lab Sample ID: 680-262293-G-4-C MS
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 877738

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000820		mg/L		82	80 - 120

Lab Sample ID: 680-262293-G-4-D MSD
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 877738

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000986		mg/L		99	80 - 120	18	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-877742/1-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:22	03/05/25 08:46	1

Lab Sample ID: LCS 680-877742/2-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877742

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00244		mg/L		98	80 - 120		

Lab Sample ID: 680-262130-13 MS
Matrix: Water
Analysis Batch: 877813

Client Sample ID: SCH-SGWC-22
Prep Type: Total/NA
Prep Batch: 877742

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.000885		mg/L		89	80 - 120		

Lab Sample ID: 680-262130-13 MSD
Matrix: Water
Analysis Batch: 877813

Client Sample ID: SCH-SGWC-22
Prep Type: Total/NA
Prep Batch: 877742

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000882		mg/L		88	80 - 120	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877100/4
Matrix: Water
Analysis Batch: 877100

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/25/25 18:28	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/25/25 18:28	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/25/25 18:28	1

Lab Sample ID: LCS 680-877100/6
Matrix: Water
Analysis Batch: 877100

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	244		mg/L		98	90 - 112		

Lab Sample ID: LCSD 680-877100/31
Matrix: Water
Analysis Batch: 877100

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	250		mg/L		100	90 - 112	3	30

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

Lab Sample ID: 680-262130-3 DU
Matrix: Water
Analysis Batch: 877100

Client Sample ID: SCH-SGWA-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	30			26.8		mg/L				10	30
Bicarbonate Alkalinity as CaCO3	30			26.8		mg/L				10	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Lab Sample ID: MB 680-877104/4
Matrix: Water
Analysis Batch: 877104

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/25/25 23:43	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/25/25 23:43	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/25/25 23:43	1

Lab Sample ID: LCS 680-877104/6
Matrix: Water
Analysis Batch: 877104

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

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

Lab Sample ID: LCSD 680-877104/31
Matrix: Water
Analysis Batch: 877104

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	252		mg/L		101	90 - 112	1	30

Lab Sample ID: 680-262130-10 DU
Matrix: Water
Analysis Batch: 877104

Client Sample ID: SCH-AP1-FB-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	<2.2			<2.2		mg/L				NC	30
Bicarbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

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

Lab Sample ID: MB 680-877138/1
Matrix: Water
Analysis Batch: 877138

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/26/25 14:17	1

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

Lab Sample ID: LCS 680-877138/2
Matrix: Water
Analysis Batch: 877138

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2390		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-877138/3
Matrix: Water
Analysis Batch: 877138

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2370		mg/L		97	80 - 120	1	25

Lab Sample ID: 680-262130-7 DU
Matrix: Water
Analysis Batch: 877138

Client Sample ID: SCH-SGWC-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	390			376		mg/L				4	5

Lab Sample ID: 680-262130-11 DU
Matrix: Water
Analysis Batch: 877138

Client Sample ID: SCH-PZ-42I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	430			440		mg/L				3	5

Lab Sample ID: MB 680-877293/1
Matrix: Water
Analysis Batch: 877293

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/27/25 17:29	1

Lab Sample ID: LCS 680-877293/2
Matrix: Water
Analysis Batch: 877293

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

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

Lab Sample ID: LCSD 680-877293/3
Matrix: Water
Analysis Batch: 877293

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2370		mg/L		97	80 - 120	1	25

Lab Sample ID: 680-262130-18 DU
Matrix: Water
Analysis Batch: 877293

Client Sample ID: SCH-PZ-41S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1100			1140		mg/L				0.4	5

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

Lab Sample ID: 680-262130-19 DU
Matrix: Water
Analysis Batch: 877293

Client Sample ID: SCH-AP1-FD-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1100			1120		mg/L				0.9	5

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 680-876994/1-A
Matrix: Water
Analysis Batch: 877009

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 876994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<10		10	10	mg/L		02/25/25 15:24	02/25/25 16:54	1

Lab Sample ID: LCS 680-876994/2-A
Matrix: Water
Analysis Batch: 877009

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 876994

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			208	112		mg/L		54	50 - 150		

Lab Sample ID: LCSD 680-876994/3-A
Matrix: Water
Analysis Batch: 877009

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 876994

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide			208	112		mg/L		54	50 - 150	1	50

Lab Sample ID: 680-262055-F-13-B MS
Matrix: Water
Analysis Batch: 877009

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 876994

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	<10	F1 F2	208	51.3	F1	mg/L		25	50 - 150		

Lab Sample ID: 680-262055-F-13-C MSD
Matrix: Water
Analysis Batch: 877009

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 876994

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<10	F1 F2	208	123	F2	mg/L		59	50 - 150	82	50

Lab Sample ID: 680-262055-H-5-B DU
Matrix: Water
Analysis Batch: 877009

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 876994

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Sulfide	<10			<10		mg/L				NC	50

HPLC/IC

Analysis Batch: 877352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-1	SCH-SGWA-1	Total/NA	Water	300.0-1993 R2.1	
680-262130-2	SCH-SGWA-2	Total/NA	Water	300.0-1993 R2.1	
680-262130-3	SCH-SGWA-5	Total/NA	Water	300.0-1993 R2.1	
680-262130-4	SCH-SGWC-6	Total/NA	Water	300.0-1993 R2.1	
680-262130-5	SCH-SGWC-11	Total/NA	Water	300.0-1993 R2.1	
680-262130-6	SCH-SGWC-15	Total/NA	Water	300.0-1993 R2.1	
680-262130-7	SCH-SGWC-20	Total/NA	Water	300.0-1993 R2.1	
680-262130-8	SCH-SGWA-3	Total/NA	Water	300.0-1993 R2.1	
680-262130-9	SCH-AP1-EB-1	Total/NA	Water	300.0-1993 R2.1	
680-262130-10	SCH-AP1-FB-2	Total/NA	Water	300.0-1993 R2.1	
680-262130-11	SCH-PZ-42I	Total/NA	Water	300.0-1993 R2.1	
680-262130-12	SCH-AP1-FB-4	Total/NA	Water	300.0-1993 R2.1	
MB 680-877352/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877352/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877352/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262130-3 MS	SCH-SGWA-5	Total/NA	Water	300.0-1993 R2.1	
680-262130-3 MSD	SCH-SGWA-5	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-13	SCH-SGWC-22	Total/NA	Water	300.0-1993 R2.1	
680-262130-14	SCH-PZ-40I	Total/NA	Water	300.0-1993 R2.1	
680-262130-15	SCH-SGWC-21	Total/NA	Water	300.0-1993 R2.1	
680-262130-16	SCH-PZ-17I	Total/NA	Water	300.0-1993 R2.1	
680-262130-17	SCH-AP1-EB-3	Total/NA	Water	300.0-1993 R2.1	
680-262130-18	SCH-PZ-41S	Total/NA	Water	300.0-1993 R2.1	
680-262130-19	SCH-AP1-FD-4	Total/NA	Water	300.0-1993 R2.1	
680-262130-20	SCH-SGWC-18	Total/NA	Water	300.0-1993 R2.1	
680-262130-21	SCH-SGWC-19	Total/NA	Water	300.0-1993 R2.1	
680-262130-22	SCH-SGWC-23	Total/NA	Water	300.0-1993 R2.1	
MB 680-877431/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877431/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877431/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262088-B-4 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262088-B-4 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	
680-262176-H-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262176-H-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-19	SCH-AP1-FD-4	Total/NA	Water	300.0-1993 R2.1	
680-262130-21	SCH-SGWC-19	Total/NA	Water	300.0-1993 R2.1	
MB 680-877525/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877525/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877525/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262289-D-7 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262289-D-7 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 876855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-1	SCH-SGWA-1	Total Recoverable	Water	3005A	
680-262130-2	SCH-SGWA-2	Total Recoverable	Water	3005A	
680-262130-3	SCH-SGWA-5	Total Recoverable	Water	3005A	
680-262130-4	SCH-SGWC-6	Total Recoverable	Water	3005A	
680-262130-5	SCH-SGWC-11	Total Recoverable	Water	3005A	
680-262130-6	SCH-SGWC-15	Total Recoverable	Water	3005A	
680-262130-7	SCH-SGWC-20	Total Recoverable	Water	3005A	
680-262130-8	SCH-SGWA-3	Total Recoverable	Water	3005A	
680-262130-9	SCH-AP1-EB-1	Total Recoverable	Water	3005A	
680-262130-10	SCH-AP1-FB-2	Total Recoverable	Water	3005A	
680-262130-11	SCH-PZ-42I	Total Recoverable	Water	3005A	
680-262130-12	SCH-AP1-FB-4	Total Recoverable	Water	3005A	
680-262130-13	SCH-SGWC-22	Total Recoverable	Water	3005A	
680-262130-14	SCH-PZ-40I	Total Recoverable	Water	3005A	
680-262130-15	SCH-SGWC-21	Total Recoverable	Water	3005A	
680-262130-16	SCH-PZ-17I	Total Recoverable	Water	3005A	
680-262130-19	SCH-AP1-FD-4	Total Recoverable	Water	3005A	
680-262130-20	SCH-SGWC-18	Total Recoverable	Water	3005A	
680-262130-21	SCH-SGWC-19	Total Recoverable	Water	3005A	
680-262130-22	SCH-SGWC-23	Total Recoverable	Water	3005A	
MB 680-876855/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-876855/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262130-3 MS	SCH-SGWA-5	Total Recoverable	Water	3005A	
680-262130-3 MSD	SCH-SGWA-5	Total Recoverable	Water	3005A	

Prep Batch: 876856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-17	SCH-AP1-EB-3	Total Recoverable	Water	3005A	
680-262130-18	SCH-PZ-41S	Total Recoverable	Water	3005A	
MB 680-876856/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-876856/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262130-18 MS	SCH-PZ-41S	Total Recoverable	Water	3005A	
680-262130-18 MSD	SCH-PZ-41S	Total Recoverable	Water	3005A	

Analysis Batch: 877033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-1	SCH-SGWA-1	Total Recoverable	Water	6020B	876855
680-262130-2	SCH-SGWA-2	Total Recoverable	Water	6020B	876855
680-262130-3	SCH-SGWA-5	Total Recoverable	Water	6020B	876855
680-262130-4	SCH-SGWC-6	Total Recoverable	Water	6020B	876855
680-262130-5	SCH-SGWC-11	Total Recoverable	Water	6020B	876855
680-262130-6	SCH-SGWC-15	Total Recoverable	Water	6020B	876855
680-262130-7	SCH-SGWC-20	Total Recoverable	Water	6020B	876855
680-262130-8	SCH-SGWA-3	Total Recoverable	Water	6020B	876855
680-262130-9	SCH-AP1-EB-1	Total Recoverable	Water	6020B	876855
680-262130-10	SCH-AP1-FB-2	Total Recoverable	Water	6020B	876855
680-262130-11	SCH-PZ-42I	Total Recoverable	Water	6020B	876855
680-262130-12	SCH-AP1-FB-4	Total Recoverable	Water	6020B	876855
680-262130-13	SCH-SGWC-22	Total Recoverable	Water	6020B	876855
680-262130-14	SCH-PZ-40I	Total Recoverable	Water	6020B	876855
680-262130-15	SCH-SGWC-21	Total Recoverable	Water	6020B	876855

Metals (Continued)

Analysis Batch: 877033 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-16	SCH-PZ-17I	Total Recoverable	Water	6020B	876855
680-262130-17	SCH-AP1-EB-3	Total Recoverable	Water	6020B	876856
680-262130-18	SCH-PZ-41S	Total Recoverable	Water	6020B	876856
680-262130-19	SCH-AP1-FD-4	Total Recoverable	Water	6020B	876855
680-262130-20	SCH-SGWC-18	Total Recoverable	Water	6020B	876855
680-262130-21	SCH-SGWC-19	Total Recoverable	Water	6020B	876855
680-262130-22	SCH-SGWC-23	Total Recoverable	Water	6020B	876855
MB 680-876855/1-A	Method Blank	Total Recoverable	Water	6020B	876855
MB 680-876856/1-A	Method Blank	Total Recoverable	Water	6020B	876856
LCS 680-876855/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876855
LCS 680-876856/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876856
680-262130-3 MS	SCH-SGWA-5	Total Recoverable	Water	6020B	876855
680-262130-3 MSD	SCH-SGWA-5	Total Recoverable	Water	6020B	876855
680-262130-18 MS	SCH-PZ-41S	Total Recoverable	Water	6020B	876856
680-262130-18 MSD	SCH-PZ-41S	Total Recoverable	Water	6020B	876856

Analysis Batch: 877192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-2	SCH-SGWA-2	Total Recoverable	Water	6020B	876855
680-262130-17	SCH-AP1-EB-3	Total Recoverable	Water	6020B	876856
680-262130-20	SCH-SGWC-18	Total Recoverable	Water	6020B	876855

Prep Batch: 877714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-11	SCH-PZ-42I	Total/NA	Water	7470A	
MB 680-877714/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877714/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262088-C-4-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262088-C-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 877738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-22	SCH-SGWC-23	Total/NA	Water	7470A	
MB 680-877738/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877738/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262293-G-4-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262293-G-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 877742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-1	SCH-SGWA-1	Total/NA	Water	7470A	
680-262130-2	SCH-SGWA-2	Total/NA	Water	7470A	
680-262130-3	SCH-SGWA-5	Total/NA	Water	7470A	
680-262130-4	SCH-SGWC-6	Total/NA	Water	7470A	
680-262130-5	SCH-SGWC-11	Total/NA	Water	7470A	
680-262130-6	SCH-SGWC-15	Total/NA	Water	7470A	
680-262130-7	SCH-SGWC-20	Total/NA	Water	7470A	
680-262130-8	SCH-SGWA-3	Total/NA	Water	7470A	
680-262130-9	SCH-AP1-EB-1	Total/NA	Water	7470A	
680-262130-10	SCH-AP1-FB-2	Total/NA	Water	7470A	
680-262130-12	SCH-AP1-FB-4	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 877742 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-13	SCH-SGWC-22	Total/NA	Water	7470A	
680-262130-14	SCH-PZ-40I	Total/NA	Water	7470A	
680-262130-15	SCH-SGWC-21	Total/NA	Water	7470A	
680-262130-16	SCH-PZ-17I	Total/NA	Water	7470A	
680-262130-17	SCH-AP1-EB-3	Total/NA	Water	7470A	
680-262130-18	SCH-PZ-41S	Total/NA	Water	7470A	
680-262130-19	SCH-AP1-FD-4	Total/NA	Water	7470A	
680-262130-20	SCH-SGWC-18	Total/NA	Water	7470A	
680-262130-21	SCH-SGWC-19	Total/NA	Water	7470A	
MB 680-877742/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877742/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262130-13 MS	SCH-SGWC-22	Total/NA	Water	7470A	
680-262130-13 MSD	SCH-SGWC-22	Total/NA	Water	7470A	

Analysis Batch: 877813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-4	SCH-SGWC-6	Total/NA	Water	7470A	877742
680-262130-5	SCH-SGWC-11	Total/NA	Water	7470A	877742
680-262130-6	SCH-SGWC-15	Total/NA	Water	7470A	877742
680-262130-7	SCH-SGWC-20	Total/NA	Water	7470A	877742
680-262130-8	SCH-SGWA-3	Total/NA	Water	7470A	877742
680-262130-9	SCH-AP1-EB-1	Total/NA	Water	7470A	877742
680-262130-10	SCH-AP1-FB-2	Total/NA	Water	7470A	877742
680-262130-11	SCH-PZ-42I	Total/NA	Water	7470A	877714
680-262130-12	SCH-AP1-FB-4	Total/NA	Water	7470A	877742
680-262130-13	SCH-SGWC-22	Total/NA	Water	7470A	877742
680-262130-14	SCH-PZ-40I	Total/NA	Water	7470A	877742
680-262130-15	SCH-SGWC-21	Total/NA	Water	7470A	877742
680-262130-16	SCH-PZ-17I	Total/NA	Water	7470A	877742
680-262130-17	SCH-AP1-EB-3	Total/NA	Water	7470A	877742
680-262130-18	SCH-PZ-41S	Total/NA	Water	7470A	877742
680-262130-19	SCH-AP1-FD-4	Total/NA	Water	7470A	877742
680-262130-20	SCH-SGWC-18	Total/NA	Water	7470A	877742
MB 680-877714/1-A	Method Blank	Total/NA	Water	7470A	877714
MB 680-877742/1-A	Method Blank	Total/NA	Water	7470A	877742
LCS 680-877714/2-A	Lab Control Sample	Total/NA	Water	7470A	877714
LCS 680-877742/2-A	Lab Control Sample	Total/NA	Water	7470A	877742
680-262088-C-4-C MS	Matrix Spike	Total/NA	Water	7470A	877714
680-262088-C-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	877714
680-262130-13 MS	SCH-SGWC-22	Total/NA	Water	7470A	877742
680-262130-13 MSD	SCH-SGWC-22	Total/NA	Water	7470A	877742

Analysis Batch: 877845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-1	SCH-SGWA-1	Total/NA	Water	7470A	877742
680-262130-2	SCH-SGWA-2	Total/NA	Water	7470A	877742
680-262130-3	SCH-SGWA-5	Total/NA	Water	7470A	877742
680-262130-21	SCH-SGWC-19	Total/NA	Water	7470A	877742
680-262130-22	SCH-SGWC-23	Total/NA	Water	7470A	877738
MB 680-877738/1-A	Method Blank	Total/NA	Water	7470A	877738
LCS 680-877738/2-A	Lab Control Sample	Total/NA	Water	7470A	877738

Metals (Continued)

Analysis Batch: 877845 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262293-G-4-C MS	Matrix Spike	Total/NA	Water	7470A	877738
680-262293-G-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	877738

General Chemistry

Prep Batch: 876994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-5	SCH-SGWC-11	Total/NA	Water	9030B	
680-262130-6	SCH-SGWC-15	Total/NA	Water	9030B	
680-262130-7	SCH-SGWC-20	Total/NA	Water	9030B	
680-262130-10	SCH-AP1-FB-2	Total/NA	Water	9030B	
680-262130-11	SCH-PZ-42I	Total/NA	Water	9030B	
680-262130-12	SCH-AP1-FB-4	Total/NA	Water	9030B	
680-262130-14	SCH-PZ-40I	Total/NA	Water	9030B	
680-262130-16	SCH-PZ-17I	Total/NA	Water	9030B	
680-262130-17	SCH-AP1-EB-3	Total/NA	Water	9030B	
680-262130-18	SCH-PZ-41S	Total/NA	Water	9030B	
680-262130-19	SCH-AP1-FD-4	Total/NA	Water	9030B	
680-262130-20	SCH-SGWC-18	Total/NA	Water	9030B	
MB 680-876994/1-A	Method Blank	Total/NA	Water	9030B	
LCS 680-876994/2-A	Lab Control Sample	Total/NA	Water	9030B	
LCSD 680-876994/3-A	Lab Control Sample Dup	Total/NA	Water	9030B	
680-262055-F-13-B MS	Matrix Spike	Total/NA	Water	9030B	
680-262055-F-13-C MSD	Matrix Spike Duplicate	Total/NA	Water	9030B	
680-262055-H-5-B DU	Duplicate	Total/NA	Water	9030B	

Analysis Batch: 877009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-5	SCH-SGWC-11	Total/NA	Water	9034	876994
680-262130-6	SCH-SGWC-15	Total/NA	Water	9034	876994
680-262130-7	SCH-SGWC-20	Total/NA	Water	9034	876994
680-262130-10	SCH-AP1-FB-2	Total/NA	Water	9034	876994
680-262130-11	SCH-PZ-42I	Total/NA	Water	9034	876994
680-262130-12	SCH-AP1-FB-4	Total/NA	Water	9034	876994
680-262130-14	SCH-PZ-40I	Total/NA	Water	9034	876994
680-262130-16	SCH-PZ-17I	Total/NA	Water	9034	876994
680-262130-17	SCH-AP1-EB-3	Total/NA	Water	9034	876994
680-262130-18	SCH-PZ-41S	Total/NA	Water	9034	876994
680-262130-19	SCH-AP1-FD-4	Total/NA	Water	9034	876994
680-262130-20	SCH-SGWC-18	Total/NA	Water	9034	876994
MB 680-876994/1-A	Method Blank	Total/NA	Water	9034	876994
LCS 680-876994/2-A	Lab Control Sample	Total/NA	Water	9034	876994
LCSD 680-876994/3-A	Lab Control Sample Dup	Total/NA	Water	9034	876994
680-262055-F-13-B MS	Matrix Spike	Total/NA	Water	9034	876994
680-262055-F-13-C MSD	Matrix Spike Duplicate	Total/NA	Water	9034	876994
680-262055-H-5-B DU	Duplicate	Total/NA	Water	9034	876994

Analysis Batch: 877100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-1	SCH-SGWA-1	Total/NA	Water	2320B-2011	
680-262130-2	SCH-SGWA-2	Total/NA	Water	2320B-2011	

General Chemistry (Continued)

Analysis Batch: 877100 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-3	SCH-SGWA-5	Total/NA	Water	2320B-2011	
680-262130-4	SCH-SGWC-6	Total/NA	Water	2320B-2011	
680-262130-5	SCH-SGWC-11	Total/NA	Water	2320B-2011	
680-262130-6	SCH-SGWC-15	Total/NA	Water	2320B-2011	
680-262130-7	SCH-SGWC-20	Total/NA	Water	2320B-2011	
680-262130-8	SCH-SGWA-3	Total/NA	Water	2320B-2011	
680-262130-9	SCH-AP1-EB-1	Total/NA	Water	2320B-2011	
680-262130-11	SCH-PZ-42I	Total/NA	Water	2320B-2011	
680-262130-15	SCH-SGWC-21	Total/NA	Water	2320B-2011	
680-262130-16	SCH-PZ-17I	Total/NA	Water	2320B-2011	
680-262130-18	SCH-PZ-41S	Total/NA	Water	2320B-2011	
680-262130-19	SCH-AP1-FD-4	Total/NA	Water	2320B-2011	
MB 680-877100/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877100/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877100/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262130-3 DU	SCH-SGWA-5	Total/NA	Water	2320B-2011	

Analysis Batch: 877104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-10	SCH-AP1-FB-2	Total/NA	Water	2320B-2011	
680-262130-12	SCH-AP1-FB-4	Total/NA	Water	2320B-2011	
680-262130-13	SCH-SGWC-22	Total/NA	Water	2320B-2011	
680-262130-14	SCH-PZ-40I	Total/NA	Water	2320B-2011	
680-262130-17	SCH-AP1-EB-3	Total/NA	Water	2320B-2011	
680-262130-20	SCH-SGWC-18	Total/NA	Water	2320B-2011	
680-262130-21	SCH-SGWC-19	Total/NA	Water	2320B-2011	
680-262130-22	SCH-SGWC-23	Total/NA	Water	2320B-2011	
MB 680-877104/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877104/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877104/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262130-10 DU	SCH-AP1-FB-2	Total/NA	Water	2320B-2011	

Analysis Batch: 877138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-1	SCH-SGWA-1	Total/NA	Water	2540C-2011	
680-262130-2	SCH-SGWA-2	Total/NA	Water	2540C-2011	
680-262130-3	SCH-SGWA-5	Total/NA	Water	2540C-2011	
680-262130-4	SCH-SGWC-6	Total/NA	Water	2540C-2011	
680-262130-5	SCH-SGWC-11	Total/NA	Water	2540C-2011	
680-262130-6	SCH-SGWC-15	Total/NA	Water	2540C-2011	
680-262130-7	SCH-SGWC-20	Total/NA	Water	2540C-2011	
680-262130-8	SCH-SGWA-3	Total/NA	Water	2540C-2011	
680-262130-9	SCH-AP1-EB-1	Total/NA	Water	2540C-2011	
680-262130-10	SCH-AP1-FB-2	Total/NA	Water	2540C-2011	
680-262130-11	SCH-PZ-42I	Total/NA	Water	2540C-2011	
680-262130-12	SCH-AP1-FB-4	Total/NA	Water	2540C-2011	
680-262130-13	SCH-SGWC-22	Total/NA	Water	2540C-2011	
680-262130-14	SCH-PZ-40I	Total/NA	Water	2540C-2011	
680-262130-15	SCH-SGWC-21	Total/NA	Water	2540C-2011	
MB 680-877138/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877138/2	Lab Control Sample	Total/NA	Water	2540C-2011	

General Chemistry (Continued)

Analysis Batch: 877138 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 680-877138/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262130-7 DU	SCH-SGWC-20	Total/NA	Water	2540C-2011	
680-262130-11 DU	SCH-PZ-42I	Total/NA	Water	2540C-2011	

Analysis Batch: 877293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-16	SCH-PZ-17I	Total/NA	Water	2540C-2011	
680-262130-17	SCH-AP1-EB-3	Total/NA	Water	2540C-2011	
680-262130-18	SCH-PZ-41S	Total/NA	Water	2540C-2011	
680-262130-19	SCH-AP1-FD-4	Total/NA	Water	2540C-2011	
680-262130-20	SCH-SGWC-18	Total/NA	Water	2540C-2011	
680-262130-21	SCH-SGWC-19	Total/NA	Water	2540C-2011	
680-262130-22	SCH-SGWC-23	Total/NA	Water	2540C-2011	
MB 680-877293/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877293/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877293/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262130-18 DU	SCH-PZ-41S	Total/NA	Water	2540C-2011	
680-262130-19 DU	SCH-AP1-FD-4	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-1

Client Sample ID: SCH-SGWA-1

Lab Sample ID: 680-262130-1

Date Collected: 02/20/25 11:59

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877352	02/28/25 14:20	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 13:59	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877845	03/05/25 09:49	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 20:06	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWA-2

Lab Sample ID: 680-262130-2

Date Collected: 02/20/25 14:11

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877352	02/28/25 14:30	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 14:05	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 14:29	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877845	03/05/25 09:44	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 21:17	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWA-5

Lab Sample ID: 680-262130-3

Date Collected: 02/20/25 11:20

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877352	02/28/25 15:22	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 13:37	BWR	EET SAV
	Instrument ID: ICPMSG									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-1

Client Sample ID: SCH-SGWA-5

Lab Sample ID: 680-262130-3

Date Collected: 02/20/25 11:20

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877845	03/05/25 09:42	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 20:36	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-6

Lab Sample ID: 680-262130-4

Date Collected: 02/20/25 11:27

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877352	02/28/25 15:51	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 14:07	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 09:05	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 21:09	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-11

Lab Sample ID: 680-262130-5

Date Collected: 02/20/25 10:45

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877352	02/28/25 16:01	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 14:15	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 08:58	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 19:59	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-1

Client Sample ID: SCH-SGWC-11

Lab Sample ID: 680-262130-5

Date Collected: 02/20/25 10:45

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-SGWC-15

Lab Sample ID: 680-262130-6

Date Collected: 02/20/25 10:35

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	877352	02/28/25 16:11	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 14:09	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 09:07	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 19:51	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-SGWC-20

Lab Sample ID: 680-262130-7

Date Collected: 02/20/25 11:08

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	877352	02/28/25 16:21	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 14:19	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 09:00	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 19:45	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-SGWA-3

Lab Sample ID: 680-262130-8

Date Collected: 02/20/25 14:33

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877352	02/28/25 16:30	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 13:57	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 09:02	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 20:54	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-EB-1

Lab Sample ID: 680-262130-9

Date Collected: 02/20/25 12:33

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877352	02/28/25 16:40	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 13:43	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 09:14	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 20:59	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-FB-2

Lab Sample ID: 680-262130-10

Date Collected: 02/20/25 11:00

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877352	02/28/25 16:50	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 14:23	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 09:26	BJB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-1

Client Sample ID: SCH-AP1-FB-2

Lab Sample ID: 680-262130-10
Date Collected: 02/20/25 11:00
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877104	02/26/25 00:06	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-PZ-42I

Lab Sample ID: 680-262130-11
Date Collected: 02/20/25 14:00
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	877352	02/28/25 17:00	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 13:55	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:18	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:31	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 21:42	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-AP1-FB-4

Lab Sample ID: 680-262130-12
Date Collected: 02/20/25 14:45
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877352	02/28/25 17:09	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 13:53	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 09:35	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877104	02/26/25 00:33	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-FB-4

Lab Sample ID: 680-262130-12

Date Collected: 02/20/25 14:45

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-SGWC-22

Lab Sample ID: 680-262130-13

Date Collected: 02/20/25 15:05

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	877431	03/01/25 16:54	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 14:21	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 08:51	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877104	02/26/25 00:20	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PZ-40I

Lab Sample ID: 680-262130-14

Date Collected: 02/20/25 15:09

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		25	5 mL	5 mL	877431	03/01/25 17:04	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 14:17	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 09:16	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877104	02/26/25 00:28	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-SGWC-21

Lab Sample ID: 680-262130-15

Date Collected: 02/20/25 16:35

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	877431	03/01/25 17:14	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 14:27	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 09:23	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 21:52	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877138	02/26/25 14:17	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PZ-17I

Lab Sample ID: 680-262130-16

Date Collected: 02/21/25 10:48

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	877431	03/01/25 17:23	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 14:25	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 09:19	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 21:33	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-AP1-EB-3

Lab Sample ID: 680-262130-17

Date Collected: 02/21/25 10:58

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877431	03/01/25 17:33	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876856	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 12:50	BWR	EET SAV
	Instrument ID: ICPMSG									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-1

Client Sample ID: SCH-AP1-EB-3

Lab Sample ID: 680-262130-17
Date Collected: 02/21/25 10:58
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876856	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 14:25	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 09:21	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877104	02/26/25 00:39	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-PZ-41S

Lab Sample ID: 680-262130-18
Date Collected: 02/21/25 09:52
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		25	5 mL	5 mL	877431	03/01/25 17:43	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876856	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 12:44	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 09:30	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 22:00	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-AP1-FD-4

Lab Sample ID: 680-262130-19
Date Collected: 02/21/25 00:00
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877431	03/01/25 17:53	AF	EET SAV
	Instrument ID: CICP									
Total/NA	Analysis	300.0-1993 R2.1		100	5 mL	5 mL	877525	03/03/25 12:33	AF	EET SAV
	Instrument ID: CICP									

Client Sample ID: SCH-AP1-FD-4

Lab Sample ID: 680-262130-19

Date Collected: 02/21/25 00:00
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 14:03	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 09:33	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 21:25	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-SGWC-18

Lab Sample ID: 680-262130-20

Date Collected: 02/21/25 10:06
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		50	5 mL	5 mL	877431	03/01/25 18:13	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 14:01	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		10			877192	02/26/25 14:27	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/05/25 09:28	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877104	02/26/25 01:01	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	876994	02/25/25 15:24	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877009	02/25/25 16:54	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-SGWC-19

Lab Sample ID: 680-262130-21

Date Collected: 02/21/25 10:19
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	5 mL	5 mL	877431	03/01/25 18:22	AF	EET SAV
	Instrument ID: CICP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-1

Client Sample ID: SCH-SGWC-19

Date Collected: 02/21/25 10:19
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		25	5 mL	5 mL	877525	03/03/25 12:23	AF	EET SAV
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 13:51	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877742	03/04/25 15:22	MG	EET SAV
Total/NA	Analysis	7470A		1			877845	03/05/25 09:47	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877104	02/26/25 00:55	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-23

Date Collected: 02/21/25 10:35
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	5 mL	5 mL	877431	03/01/25 19:21	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876855	02/25/25 05:18	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877033	02/25/25 13:45	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877738	03/04/25 15:20	MG	EET SAV
Total/NA	Analysis	7470A		1			877845	03/05/25 10:24	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877104	02/26/25 00:47	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

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

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262130-1
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins Savannah

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

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

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
9034	Sulfide, Acid Soluble and Insoluble (Titrimetric)	SW846	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

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

Chain of Custody Record

eurofins

Client Information	Sampler(s): Dana Bloomfield	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 3
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (business days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR Plant Scherer Ash Pond	Project #:			
Site:				

Analysis Requested

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

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wwater S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D Chloride, Fluoride, Sulfate	2540C Solids, Total Dissolved (TDS)	6020B App III and IV metals w/ Mg, Mn, Na, K	7470A - App IV Mercury	9034 Sulfide	2320B Alkalinity, Total, Carb/Bicarb	9315_Ra226 Radium 226	9320_Ra228 Radium 228	Ra226Ra228_GFPC Combined Radium 226 and 228	6020B Fe				Total Number of containers
			Preservation Code:				N	N	D	D	CB	N	D	D	D	D				
SCH-SGWA-1 Loc 680 262130	2/20/25	11 59	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-SGWA-2	2/20/25	14 11	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-SGWA-5	2/20/25	11.20	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-SGWC-6	2/20/25	11:27	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-SGWC-11	2/20/25	10:45	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8
SCH-SGWC-15	2/20/25	10:35	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8
SCH-SGWC-20	2/20/25	11 08	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8
SCH-SGWA-3	2/20/25	14:33	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-AP1-EB-1	2/20/25	12.33	G	WQ	N	N	X	X	X	X		X	X	X	X					6
SCH-AP1-FB-2	2/20/25	11 00	G	WQ	N	N	X	X	X	X	X	X	X	X	X	X				8
SCH-PZ-42I	2/20/25	14.00	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8

680-262130 Chain of Custody

Possible Hazard Identification
Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client Disposal By Lab Archive For _____ Months

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Dawn Prell	2/21/25 1245	WSP	Jake Stucky	2/21/25 1245	WSP
2	Jake Stucky	2/21/25 1302	WSP	Amanda Linear	2/21/25 13:02	C.NOW
3					2/21/25 1600	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 1.2/1.2 0.1/0.1 1.5/1.5 0.4/0.4

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

Chain of Custody Record

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environment Testing

Client Information	Sampler(s): Dana Bloomfield	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 2 of 3
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (business days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:				

Analysis Requested

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

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D Chloride, Fluoride, Sulfate	2540C Solids, Total Dissolved (TDS)	6020B App III and IV metals w/ Mg, Mn, Na, K	7470A App IV Mercury	9034 Sulfide	2320B Alkalinity, Total, Carb/Bicarb	9315_Ra226 Radium 226	9320_Ra228 Radium 228	Ra226Ra228_GFPC Combined Radium 226 and 228	6020B Fe				Total Number of containers	
			Preservation Code:				N	N	D	D	CB	N	D	D	D	D					
SCH-AP1-FB-4	2/20/25	14.45	G	WQ	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-SGWC-22	2/20/25	15:05	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-PZ-40I	2/20/25	15 09	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				10	Extra Rads
SCH-SGWC-21	2/20/25	16:35	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-PZ-17I	2/21/25	10:48	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-AP1-EB-3	2/21/25	10:58	G	WQ	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-PZ-41S	2/21/25	9·52	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-AP1-FD-4	2/21/25	-	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-SGWC-18	2/21/25	10·06	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-SGWC-19	2/21/25	10·19	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-23	2/21/25	10.35	G	WG	N	N	X	X	X	X		X	X	X	X					6	

Possible Hazard Identification
Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months ☐

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	2/21/25 1245	WSP	2/21/25 1245	2/21/25 1245	WSP
2	Jake Stucky	2/21/25	WSP	Miranda Linear	2/21/25 13:02	CMW
3						

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 1.1/1.1 2.6/2.6 3.6/3.6 2.3/2.3

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262130-1

Login Number: 262130
List Number: 1
Creator: Faught, Timothy

List Source: Eurofins Savannah

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/23/2025 1:13:14 PM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

680-262130-2

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



Generated
4/23/2025 1:13:14 PM
Revision 1

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

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-2

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

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

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262130-1	SCH-SGWA-1	Water	02/20/25 11:59	02/21/25 16:00
680-262130-2	SCH-SGWA-2	Water	02/20/25 14:11	02/21/25 16:00
680-262130-3	SCH-SGWA-5	Water	02/20/25 11:20	02/21/25 16:00
680-262130-4	SCH-SGWC-6	Water	02/20/25 11:27	02/21/25 16:00
680-262130-5	SCH-SGWC-11	Water	02/20/25 10:45	02/21/25 16:00
680-262130-6	SCH-SGWC-15	Water	02/20/25 10:35	02/21/25 16:00
680-262130-7	SCH-SGWC-20	Water	02/20/25 11:08	02/21/25 16:00
680-262130-8	SCH-SGWA-3	Water	02/20/25 14:33	02/21/25 16:00
680-262130-9	SCH-AP1-EB-1	Water	02/20/25 12:33	02/21/25 16:00
680-262130-10	SCH-AP1-FB-2	Water	02/20/25 11:00	02/21/25 16:00
680-262130-11	SCH-PZ-42I	Water	02/20/25 14:00	02/21/25 16:00
680-262130-12	SCH-AP1-FB-4	Water	02/20/25 14:45	02/21/25 16:00
680-262130-13	SCH-SGWC-22	Water	02/20/25 15:05	02/21/25 16:00
680-262130-14	SCH-PZ-40I	Water	02/20/25 15:09	02/21/25 16:00
680-262130-15	SCH-SGWC-21	Water	02/20/25 16:35	02/21/25 16:00
680-262130-16	SCH-PZ-17I	Water	02/21/25 10:48	02/21/25 16:00
680-262130-17	SCH-AP1-EB-3	Water	02/21/25 10:58	02/21/25 16:00
680-262130-18	SCH-PZ-41S	Water	02/21/25 09:52	02/21/25 16:00
680-262130-19	SCH-AP1-FD-4	Water	02/21/25 00:00	02/21/25 16:00
680-262130-20	SCH-SGWC-18	Water	02/21/25 10:06	02/21/25 16:00
680-262130-21	SCH-SGWC-19	Water	02/21/25 10:19	02/21/25 16:00
680-262130-22	SCH-SGWC-23	Water	02/21/25 10:35	02/21/25 16:00

Job ID: 680-262130-2 — Eurofins Savannah

Job Narrative
680-262130-2

Revision 1
The report being provided is a revision of the original report sent on 4/22/2025. The report (revision 1) is being revised in order to link the Chain of Custody (COC) to this -2 report.

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

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

Receipt
The samples were received on 2/21/2025 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 0.4°C, 0.7°C, 1.1°C, 1.2°C, 1.5°C, 2.3°C, 2.6°C and 3.6°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium-228 batch 705316
The MDC for the following sample(s) is flagged as failing; however, the MDC met the detection goal (requested limit) based on our in House policy for rounding. The laboratory considers the detection goal met when rounding to the appropriate place value.
SCH-AP1-FD-4 (680-262130-19)

Method 9320_Ra228: Radium 228 batch 705316
The LCS recovered at (74%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68-154%) per method requirements. The LCS passes, no further action is required (LCS 160-705316/2-A)

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

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

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-2

Client Sample ID: SCH-SGWA-1

Lab Sample ID: 680-262130-1

Date Collected: 02/20/25 11:59
Matrix: Water
Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0835	U	0.0777	0.0780	1.00	0.119	pCi/L	02/27/25 07:27	03/26/25 07:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:26*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.187	U	0.295	0.296	1.00	0.505	pCi/L	02/27/25 07:31	03/19/25 14:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:15*	*1*
Y Carrier	*78.5*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:15*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.271	U	0.305	0.306	5.00	0.505	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-SGWA-2

Lab Sample ID: 680-262130-2

Date Collected: 02/20/25 14:11
Matrix: Water
Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0855	U	0.0889	0.0893	1.00	0.142	pCi/L	02/27/25 07:27	03/26/25 07:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:26*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.629**		0.385	0.389	1.00	0.561	pCi/L	02/27/25 07:31	03/19/25 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:24*	*1*
Y Carrier	*78.5*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:24*	*1*

Client Sample ID: SCH-SGWA-2

Lab Sample ID: 680-262130-2
Date Collected: 02/20/25 14:11
Matrix: Water
Date Received: 02/21/25 16:00

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.715		0.395	0.399	5.00	0.561	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-SGWA-5

Lab Sample ID: 680-262130-3
Date Collected: 02/20/25 11:20
Matrix: Water
Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0193	U	0.0615	0.0616	1.00	0.136	pCi/L	02/27/25 07:27	03/26/25 07:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:26*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.674		0.433	0.438	1.00	0.645	pCi/L	02/27/25 07:31	03/19/25 14:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:24*	*1*
Y Carrier	*75.9*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:24*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.654		0.437	0.442	5.00	0.645	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-SGWC-6

Lab Sample ID: 680-262130-4
Date Collected: 02/20/25 11:27
Matrix: Water
Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0432	U	0.0755	0.0756	1.00	0.132	pCi/L	02/27/25 07:27	03/26/25 07:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.4*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:26*	*1*

Client Sample ID: SCH-SGWC-6

Lab Sample ID: 680-262130-4

Date Collected: 02/20/25 11:27

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.228	U	0.339	0.339	1.00	0.572	pCi/L	02/27/25 07:31	03/19/25 14:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.4*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:25*	*1*
Y Carrier	*79.3*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:25*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.271	U	0.347	0.347	5.00	0.572	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-SGWC-11

Lab Sample ID: 680-262130-5

Date Collected: 02/20/25 10:45

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0517	U	0.0711	0.0712	1.00	0.120	pCi/L	02/27/25 07:27	03/26/25 07:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.0*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:26*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.336	U	0.382	0.384	1.00	0.627	pCi/L	02/27/25 07:31	03/19/25 14:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.0*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:25*	*1*
Y Carrier	*74.8*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:25*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.388	U	0.389	0.391	5.00	0.627	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-SGWC-15

Lab Sample ID: 680-262130-6

Date Collected: 02/20/25 10:35

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00988	U	0.0575	0.0575	1.00	0.124	pCi/L	02/27/25 07:27	03/26/25 07:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:26*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.595	U	0.421	0.425	1.00	0.639	pCi/L	02/27/25 07:31	03/19/25 14:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:25*	*1*
Y Carrier	*73.6*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:25*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.586	U	0.425	0.429	5.00	0.639	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-SGWC-20

Lab Sample ID: 680-262130-7

Date Collected: 02/20/25 11:08

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0144	U	0.0799	0.0799	1.00	0.162	pCi/L	02/27/25 07:27	03/26/25 07:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:26*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.233	U	0.367	0.368	1.00	0.624	pCi/L	02/27/25 07:31	03/19/25 14:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:25*	*1*
Y Carrier	*78.9*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:25*	*1*

Client Sample ID: SCH-SGWC-20

Lab Sample ID: 680-262130-7
Date Collected: 02/20/25 11:08
Matrix: Water
Date Received: 02/21/25 16:00

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.218	U	0.376	0.377	5.00	0.624	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-SGWA-3

Lab Sample ID: 680-262130-8
Date Collected: 02/20/25 14:33
Matrix: Water
Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0745	U	0.0749	0.0752	1.00	0.117	pCi/L	02/27/25 07:27	03/26/25 09:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.9*		*30 - 110*	*02/27/25 07:27*	*03/26/25 09:12*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.162	U	0.314	0.314	1.00	0.545	pCi/L	02/27/25 07:31	03/19/25 14:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.9*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:25*	*1*
Y Carrier	*80.0*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:25*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.237	U	0.323	0.323	5.00	0.545	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-AP1-EB-1

Lab Sample ID: 680-262130-9
Date Collected: 02/20/25 12:33
Matrix: Water
Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0292	U	0.0629	0.0630	1.00	0.115	pCi/L	02/27/25 07:27	03/26/25 09:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.4*		*30 - 110*	*02/27/25 07:27*	*03/26/25 09:12*	*1*

Client Sample ID: SCH-AP1-EB-1

Lab Sample ID: 680-262130-9

Date Collected: 02/20/25 12:33

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.287	U	0.333	0.334	1.00	0.547	pCi/L	02/27/25 07:31	03/19/25 14:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.4*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:25*	*1*
Y Carrier	*78.1*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:25*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.316	U	0.339	0.340	5.00	0.547	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-AP1-FB-2

Lab Sample ID: 680-262130-10

Date Collected: 02/20/25 11:00

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00744	U	0.0551	0.0551	1.00	0.119	pCi/L	02/27/25 07:27	03/26/25 09:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*02/27/25 07:27*	*03/26/25 09:12*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.407	U	0.323	0.325	1.00	0.699	pCi/L	02/27/25 07:31	03/19/25 14:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:25*	*1*
Y Carrier	*77.0*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:25*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.414	U	0.328	0.330	5.00	0.699	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-PZ-42I

Date Collected: 02/20/25 14:00
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-11
Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.110	U	0.0925	0.0930	1.00	0.140	pCi/L	02/27/25 07:27	03/26/25 09:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*02/27/25 07:27*	*03/26/25 09:13*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.24**		0.458	0.472	1.00	0.583	pCi/L	02/27/25 07:31	03/19/25 14:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:19*	*1*
Y Carrier	*79.6*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:19*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.35**		0.467	0.481	5.00	0.583	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-AP1-FB-4

Date Collected: 02/20/25 14:45
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-12
Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00169	U	0.0641	0.0641	1.00	0.132	pCi/L	02/27/25 07:27	03/26/25 09:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*02/27/25 07:27*	*03/26/25 09:13*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.210	U	0.349	0.349	1.00	0.595	pCi/L	02/27/25 07:31	03/19/25 14:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:20*	*1*
Y Carrier	*79.6*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:20*	*1*

Client Sample ID: SCH-AP1-FB-4

Lab Sample ID: 680-262130-12
Date Collected: 02/20/25 14:45
Matrix: Water
Date Received: 02/21/25 16:00

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.208	U	0.355	0.355	5.00	0.595	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-SGWC-22

Lab Sample ID: 680-262130-13
Date Collected: 02/20/25 15:05
Matrix: Water
Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.109	U	0.0890	0.0896	1.00	0.133	pCi/L	02/27/25 07:27	03/26/25 09:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*02/27/25 07:27*	*03/26/25 09:13*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0364	U	0.291	0.291	1.00	0.555	pCi/L	02/27/25 07:31	03/19/25 14:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:20*	*1*
Y Carrier	*77.4*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:20*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0727	U	0.304	0.304	5.00	0.555	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-PZ-40I

Lab Sample ID: 680-262130-14
Date Collected: 02/20/25 15:09
Matrix: Water
Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0862	U	0.0735	0.0740	1.00	0.109	pCi/L	02/27/25 07:27	03/26/25 09:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.8*		*30 - 110*	*02/27/25 07:27*	*03/26/25 09:13*	*1*

Client Sample ID: SCH-PZ-40I

Date Collected: 02/20/25 15:09
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-14
Matrix: Water

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.277	U	0.298	0.300	1.00	0.484	pCi/L	02/27/25 07:31	03/19/25 14:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.8*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:20*	*1*
Y Carrier	*79.6*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:20*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.363	U	0.307	0.309	5.00	0.484	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-SGWC-21

Date Collected: 02/20/25 16:35
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-15
Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.165**		0.108	0.109	1.00	0.155	pCi/L	02/27/25 07:27	03/26/25 09:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.9*		*30 - 110*	*02/27/25 07:27*	*03/26/25 09:13*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.438	U	0.402	0.404	1.00	0.642	pCi/L	02/27/25 07:31	03/19/25 14:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.9*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:20*	*1*
Y Carrier	*78.5*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:20*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.603	U	0.416	0.418	5.00	0.642	pCi/L		03/26/25 13:08	1

Client Sample ID: SCH-PZ-17I

Lab Sample ID: 680-262130-16

Date Collected: 02/21/25 10:48

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0288	U	0.0482	0.0483	1.00	0.0852	pCi/L	03/28/25 07:36	04/21/25 09:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.5*		*30 - 110*	*03/28/25 07:36*	*04/21/25 09:54*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.322	U	0.301	0.303	1.00	0.685	pCi/L	02/28/25 08:15	03/20/25 14:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.6*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:17*	*1*
Y Carrier	*80.4*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:17*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.293	U	0.305	0.307	5.00	0.685	pCi/L		04/22/25 09:26	1

Client Sample ID: SCH-AP1-EB-3

Lab Sample ID: 680-262130-17

Date Collected: 02/21/25 10:58

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00148	U	0.0493	0.0493	1.00	0.104	pCi/L	03/28/25 07:36	04/21/25 09:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.8*		*30 - 110*	*03/28/25 07:36*	*04/21/25 09:54*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.344	U	0.410	0.411	1.00	0.675	pCi/L	02/28/25 08:15	03/20/25 14:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:17*	*1*
Y Carrier	*83.0*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:17*	*1*

Client Sample ID: SCH-AP1-EB-3

Lab Sample ID: 680-262130-17

Date Collected: 02/21/25 10:58

Matrix: Water

Date Received: 02/21/25 16:00

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.343	U	0.413	0.414	5.00	0.675	pCi/L		04/22/25 09:26	1

Client Sample ID: SCH-PZ-41S

Lab Sample ID: 680-262130-18

Date Collected: 02/21/25 09:52

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00170	U	0.0643	0.0643	1.00	0.132	pCi/L	03/28/25 07:36	04/21/25 09:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.1*		*30 - 110*	*03/28/25 07:36*	*04/21/25 09:54*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.459	U	0.490	0.492	1.00	0.797	pCi/L	02/28/25 08:15	03/20/25 14:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.7*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:26*	*1*
Y Carrier	*77.0*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:26*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.457	U	0.494	0.496	5.00	0.797	pCi/L		04/22/25 09:26	1

Client Sample ID: SCH-AP1-FD-4

Lab Sample ID: 680-262130-19

Date Collected: 02/21/25 00:00

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0343	U	0.0532	0.0533	1.00	0.0923	pCi/L	03/28/25 07:36	04/21/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.8*		*30 - 110*	*03/28/25 07:36*	*04/21/25 09:55*	*1*

Client Sample ID: SCH-AP1-FD-4

Lab Sample ID: 680-262130-19

Date Collected: 02/21/25 00:00

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.231	U G	0.581	0.582	1.00	1.02	pCi/L	02/28/25 08:15	03/20/25 14:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.5*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:27*	*1*
Y Carrier	*74.4*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:27*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.265	U	0.583	0.584	5.00	1.02	pCi/L		04/22/25 09:26	1

Client Sample ID: SCH-SGWC-18

Lab Sample ID: 680-262130-20

Date Collected: 02/21/25 10:06

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0163	U	0.0570	0.0570	1.00	0.108	pCi/L	03/28/25 07:36	04/21/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.6*		*30 - 110*	*03/28/25 07:36*	*04/21/25 09:55*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0224	U	0.381	0.381	1.00	0.716	pCi/L	02/28/25 08:15	03/20/25 14:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:27*	*1*
Y Carrier	*81.1*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:27*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.00614	U	0.385	0.385	5.00	0.716	pCi/L		04/22/25 09:26	1

Client Sample ID: SCH-SGWC-19

Lab Sample ID: 680-262130-21

Date Collected: 02/21/25 10:19

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0409	U	0.0516	0.0518	1.00	0.137	pCi/L	02/28/25 08:02	03/27/25 07:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.0*		*30 - 110*	*02/28/25 08:02*	*03/27/25 07:43*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.279	U	0.332	0.333	1.00	0.714	pCi/L	02/28/25 08:05	03/20/25 12:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.0*		*30 - 110*	*02/28/25 08:05*	*03/20/25 12:28*	*1*
Y Carrier	*77.0*		*30 - 110*	*02/28/25 08:05*	*03/20/25 12:28*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.320	U	0.336	0.337	5.00	0.714	pCi/L		03/27/25 14:21	1

Client Sample ID: SCH-SGWC-23

Lab Sample ID: 680-262130-22

Date Collected: 02/21/25 10:35

Matrix: Water

Date Received: 02/21/25 16:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0692	U	0.0758	0.0761	1.00	0.121	pCi/L	02/28/25 08:02	03/27/25 07:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.5*		*30 - 110*	*02/28/25 08:02*	*03/27/25 07:43*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.800**		0.499	0.505	1.00	0.739	pCi/L	02/28/25 08:05	03/20/25 12:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.5*		*30 - 110*	*02/28/25 08:05*	*03/20/25 12:28*	*1*
Y Carrier	*76.3*		*30 - 110*	*02/28/25 08:05*	*03/20/25 12:28*	*1*

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-2

Client Sample ID: SCH-SGWC-23

Date Collected: 02/21/25 10:35
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-22

Matrix: Water

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.869		0.505	0.511	5.00	0.739	pCi/L		03/27/25 14:21	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
680-262130-1	SCH-SGWA-1	89.3
680-262130-2	SCH-SGWA-2	87.7
680-262130-3	SCH-SGWA-5	87.7
680-262130-4	SCH-SGWC-6	91.4
680-262130-5	SCH-SGWC-11	84.0
680-262130-6	SCH-SGWC-15	89.0
680-262130-7	SCH-SGWC-20	87.2
680-262130-8	SCH-SGWA-3	86.9
680-262130-9	SCH-AP1-EB-1	91.4
680-262130-10	SCH-AP1-FB-2	89.0
680-262130-11	SCH-PZ-42I	89.0
680-262130-12	SCH-AP1-FB-4	88.5
680-262130-13	SCH-SGWC-22	90.6
680-262130-14	SCH-PZ-40I	94.8
680-262130-14 DU	SCH-PZ-40I	99.2
680-262130-15	SCH-SGWC-21	91.9
680-262130-16	SCH-PZ-17I	79.5
680-262130-17	SCH-AP1-EB-3	75.8
680-262130-18	SCH-PZ-41S	73.1
680-262130-19	SCH-AP1-FD-4	77.8
680-262130-20	SCH-SGWC-18	82.6
680-262130-21	SCH-SGWC-19	73.0
680-262130-22	SCH-SGWC-23	77.5
880-54846-A-1-A DU	Duplicate	79.8
LCS 160-705014/2-A	Lab Control Sample	90.1
LCS 160-705299/2-A	Lab Control Sample	79.3
LCS 160-709797/2-A	Lab Control Sample	74.1
LCSD 160-709797/3-A	Lab Control Sample Dup	76.0
MB 160-705014/1-A	Method Blank	84.8
MB 160-705299/1-A	Method Blank	86.4
MB 160-709797/1-A	Method Blank	74.6

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
680-262130-1	SCH-SGWA-1	89.3	78.5
680-262130-2	SCH-SGWA-2	87.7	78.5
680-262130-3	SCH-SGWA-5	87.7	75.9
680-262130-4	SCH-SGWC-6	91.4	79.3
680-262130-5	SCH-SGWC-11	84.0	74.8
680-262130-6	SCH-SGWC-15	89.0	73.6
680-262130-7	SCH-SGWC-20	87.2	78.9
680-262130-8	SCH-SGWA-3	86.9	80.0
680-262130-9	SCH-AP1-EB-1	91.4	78.1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 680-262130-2
Project/Site: CCR - Plant Scherer Ash Pond

Method: 9320 - Radium-228 (GFPC) (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
680-262130-10	SCH-AP1-FB-2	89.0	77.0
680-262130-11	SCH-PZ-42I	89.0	79.6
680-262130-12	SCH-AP1-FB-4	88.5	79.6
680-262130-13	SCH-SGWC-22	90.6	77.4
680-262130-14	SCH-PZ-40I	94.8	79.6
680-262130-14 DU	SCH-PZ-40I	99.2	80.0
680-262130-15	SCH-SGWC-21	91.9	78.5
680-262130-16	SCH-PZ-17I	85.6	80.4
680-262130-17	SCH-AP1-EB-3	83.2	83.0
680-262130-18	SCH-PZ-41S	81.7	77.0
680-262130-19	SCH-AP1-FD-4	71.5	74.4
680-262130-20	SCH-SGWC-18	93.2	81.1
680-262130-21	SCH-SGWC-19	73.0	77.0
680-262130-22	SCH-SGWC-23	77.5	76.3
680-262176-J-2-B DU	Duplicate	91.6	83.0
880-54846-A-1-B DU	Duplicate	79.8	74.0
LCS 160-705016/2-A	Lab Control Sample	90.1	78.1
LCS 160-705301/2-A	Lab Control Sample	79.3	78.9
LCS 160-705316/2-A	Lab Control Sample	92.7	80.4
MB 160-705016/1-A	Method Blank	84.8	76.3
MB 160-705301/1-A	Method Blank	86.4	81.9
MB 160-705316/1-A	Method Blank	85.3	81.9

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-705014/1-A
Matrix: Water
Analysis Batch: 709424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705014

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02698	U	0.0605	0.0606	1.00	0.112	pCi/L	02/27/25 07:27	03/26/25 07:15	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*02/27/25 07:27*	*03/26/25 07:15*	*1*

Lab Sample ID: LCS 160-705014/2-A
Matrix: Water
Analysis Batch: 709424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705014

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	10.12		1.07	1.00	0.111	pCi/L	106	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.1*		*30 - 110*

Lab Sample ID: 680-262130-14 DU
Matrix: Water
Analysis Batch: 709425

Client Sample ID: SCH-PZ-40I
Prep Type: Total/NA
Prep Batch: 705014

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0862	U		0.1344		0.0852	1.00	0.114	pCi/L			0.30	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*99.2*		*30 - 110*

Lab Sample ID: MB 160-705299/1-A
Matrix: Water
Analysis Batch: 709481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705299

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.02253	U	0.0587	0.0587	1.00	0.132	pCi/L	02/28/25 08:02	03/27/25 07:43	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*30 - 110*	*02/28/25 08:02*	*03/27/25 07:43*	*1*

Lab Sample ID: LCS 160-705299/2-A
Matrix: Water
Analysis Batch: 709481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705299

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	9.581		1.05	1.00	0.170	pCi/L	100	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-705299/2-A
Matrix: Water
Analysis Batch: 709481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705299

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	79.3		30 - 110

Lab Sample ID: 880-54846-A-1-A DU
Matrix: Water
Analysis Batch: 709483

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705299

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.134			0.1244	U	0.0902	1.00	0.125	pCi/L			0.05	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	79.8		30 - 110

Lab Sample ID: MB 160-709797/1-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709797

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01948	U	0.0561	0.0561	1.00	0.106	pCi/L	03/28/25 07:36	04/21/25 09:54	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	74.6		30 - 110	03/28/25 07:36	04/21/25 09:54	1

Lab Sample ID: LCS 160-709797/2-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709797

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	11.09		1.16	1.00	0.107	pCi/L	116	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	74.1		30 - 110

Lab Sample ID: LCSD 160-709797/3-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709797

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			9.58	9.902		1.05	1.00	0.0949	pCi/L	103	75 - 125	0.54	1

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	76.0		30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705016/1-A
Matrix: Water
Analysis Batch: 708486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705016

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1231	U	0.319	0.319	1.00	0.567	pCi/L	02/27/25 07:31	03/19/25 14:14	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:14*	*1*
Y Carrier	*76.3*		*30 - 110*	*02/27/25 07:31*	*03/19/25 14:14*	*1*

Lab Sample ID: LCS 160-705016/2-A
Matrix: Water
Analysis Batch: 708486

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705016

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.01	9.182		1.27	1.00	0.452	pCi/L	115	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.1*		*30 - 110*
Y Carrier	*78.1*		*30 - 110*

Lab Sample ID: 680-262130-14 DU
Matrix: Water
Analysis Batch: 708497

Client Sample ID: SCH-PZ-40I
Prep Type: Total/NA
Prep Batch: 705016

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.277	U		0.1690	U	0.300	1.00	0.515	pCi/L			0.18	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*99.2*		*30 - 110*
Y Carrier	*80.0*		*30 - 110*

Lab Sample ID: MB 160-705301/1-A
Matrix: Water
Analysis Batch: 708582

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705301

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.1310	U	0.257	0.258	1.00	0.533	pCi/L	02/28/25 08:05	03/20/25 12:17	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*30 - 110*	*02/28/25 08:05*	*03/20/25 12:17*	*1*
Y Carrier	*81.9*		*30 - 110*	*02/28/25 08:05*	*03/20/25 12:17*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-705301/2-A
Matrix: Water
Analysis Batch: 708582

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705301

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.00	8.867		1.32	1.00	0.591	pCi/L	111	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*79.3*		*30 - 110*
Y Carrier	*78.9*		*30 - 110*

Lab Sample ID: 880-54846-A-1-B DU
Matrix: Water
Analysis Batch: 708685

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705301

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.0358	U		0.5782	U	0.483	1.00	0.751	pCi/L			0.60	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*79.8*		*30 - 110*
Y Carrier	*74.0*		*30 - 110*

Lab Sample ID: MB 160-705316/1-A
Matrix: Water
Analysis Batch: 708686

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705316

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.07654	U	0.344	0.344	1.00	0.661	pCi/L	02/28/25 08:15	03/20/25 12:52	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:52*	*1*
Y Carrier	*81.9*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:52*	*1*

Lab Sample ID: LCS 160-705316/2-A
Matrix: Water
Analysis Batch: 708582

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705316

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.00	5.894		1.18	1.00	0.841	pCi/L	74	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*92.7*		*30 - 110*
Y Carrier	*80.4*		*30 - 110*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 680-262176-J-2-B DU
Matrix: Water
Analysis Batch: 708686

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705316

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.00785	U		0.04182	U	0.304	1.00	0.559	pCi/L			0.05	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*91.6*		*30 - 110*
Y Carrier	*83.0*		*30 - 110*

Rad

Prep Batch: 705014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-1	SCH-SGWA-1	Total/NA	Water	PrecSep-21	
680-262130-2	SCH-SGWA-2	Total/NA	Water	PrecSep-21	
680-262130-3	SCH-SGWA-5	Total/NA	Water	PrecSep-21	
680-262130-4	SCH-SGWC-6	Total/NA	Water	PrecSep-21	
680-262130-5	SCH-SGWC-11	Total/NA	Water	PrecSep-21	
680-262130-6	SCH-SGWC-15	Total/NA	Water	PrecSep-21	
680-262130-7	SCH-SGWC-20	Total/NA	Water	PrecSep-21	
680-262130-8	SCH-SGWA-3	Total/NA	Water	PrecSep-21	
680-262130-9	SCH-AP1-EB-1	Total/NA	Water	PrecSep-21	
680-262130-10	SCH-AP1-FB-2	Total/NA	Water	PrecSep-21	
680-262130-11	SCH-PZ-42I	Total/NA	Water	PrecSep-21	
680-262130-12	SCH-AP1-FB-4	Total/NA	Water	PrecSep-21	
680-262130-13	SCH-SGWC-22	Total/NA	Water	PrecSep-21	
680-262130-14	SCH-PZ-40I	Total/NA	Water	PrecSep-21	
680-262130-15	SCH-SGWC-21	Total/NA	Water	PrecSep-21	
MB 160-705014/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705014/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
680-262130-14 DU	SCH-PZ-40I	Total/NA	Water	PrecSep-21	

Prep Batch: 705016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-1	SCH-SGWA-1	Total/NA	Water	PrecSep_0	
680-262130-2	SCH-SGWA-2	Total/NA	Water	PrecSep_0	
680-262130-3	SCH-SGWA-5	Total/NA	Water	PrecSep_0	
680-262130-4	SCH-SGWC-6	Total/NA	Water	PrecSep_0	
680-262130-5	SCH-SGWC-11	Total/NA	Water	PrecSep_0	
680-262130-6	SCH-SGWC-15	Total/NA	Water	PrecSep_0	
680-262130-7	SCH-SGWC-20	Total/NA	Water	PrecSep_0	
680-262130-8	SCH-SGWA-3	Total/NA	Water	PrecSep_0	
680-262130-9	SCH-AP1-EB-1	Total/NA	Water	PrecSep_0	
680-262130-10	SCH-AP1-FB-2	Total/NA	Water	PrecSep_0	
680-262130-11	SCH-PZ-42I	Total/NA	Water	PrecSep_0	
680-262130-12	SCH-AP1-FB-4	Total/NA	Water	PrecSep_0	
680-262130-13	SCH-SGWC-22	Total/NA	Water	PrecSep_0	
680-262130-14	SCH-PZ-40I	Total/NA	Water	PrecSep_0	
680-262130-15	SCH-SGWC-21	Total/NA	Water	PrecSep_0	
MB 160-705016/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705016/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-262130-14 DU	SCH-PZ-40I	Total/NA	Water	PrecSep_0	

Prep Batch: 705299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-21	SCH-SGWC-19	Total/NA	Water	PrecSep-21	
680-262130-22	SCH-SGWC-23	Total/NA	Water	PrecSep-21	
MB 160-705299/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705299/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
880-54846-A-1-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 705301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-21	SCH-SGWC-19	Total/NA	Water	PrecSep_0	

Rad (Continued)

Prep Batch: 705301 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-22	SCH-SGWC-23	Total/NA	Water	PrecSep_0	
MB 160-705301/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705301/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
880-54846-A-1-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 705316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-16	SCH-PZ-17I	Total/NA	Water	PrecSep_0	
680-262130-17	SCH-AP1-EB-3	Total/NA	Water	PrecSep_0	
680-262130-18	SCH-PZ-41S	Total/NA	Water	PrecSep_0	
680-262130-19	SCH-AP1-FD-4	Total/NA	Water	PrecSep_0	
680-262130-20	SCH-SGWC-18	Total/NA	Water	PrecSep_0	
MB 160-705316/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705316/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-262176-J-2-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 709797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262130-16	SCH-PZ-17I	Total/NA	Water	PrecSep-21	
680-262130-17	SCH-AP1-EB-3	Total/NA	Water	PrecSep-21	
680-262130-18	SCH-PZ-41S	Total/NA	Water	PrecSep-21	
680-262130-19	SCH-AP1-FD-4	Total/NA	Water	PrecSep-21	
680-262130-20	SCH-SGWC-18	Total/NA	Water	PrecSep-21	
MB 160-709797/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-709797/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-709797/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-2

Client Sample ID: SCH-SGWA-1

Lab Sample ID: 680-262130-1

Date Collected: 02/20/25 11:59

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.57 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 07:26	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1004.57 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708486	03/19/25 14:15	FLC	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWA-2

Lab Sample ID: 680-262130-2

Date Collected: 02/20/25 14:11

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.80 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 07:26	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1002.80 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 14:24	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWA-5

Lab Sample ID: 680-262130-3

Date Collected: 02/20/25 11:20

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			977.97 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 07:26	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			977.97 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 14:24	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-6

Lab Sample ID: 680-262130-4

Date Collected: 02/20/25 11:27

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.87 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 07:26	SWS	EET SL
	Instrument ID: GFPCBLUE									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-2

Client Sample ID: SCH-SGWC-6
Date Collected: 02/20/25 11:27
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1004.87 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 14:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-11
Date Collected: 02/20/25 10:45
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1006.83 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 07:26	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1006.83 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 14:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-15
Date Collected: 02/20/25 10:35
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1006.73 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 07:26	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1006.73 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 14:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-20
Date Collected: 02/20/25 11:08
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.49 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 07:26	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1003.49 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 14:25	SWS	EET SL
	Instrument ID: GFPCBLUE									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-2

Client Sample ID: SCH-SGWC-20

Lab Sample ID: 680-262130-7

Date Collected: 02/20/25 11:08
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL

Client Sample ID: SCH-SGWA-3

Lab Sample ID: 680-262130-8

Date Collected: 02/20/25 14:33
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.30 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 09:12	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1001.30 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 14:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-EB-1

Lab Sample ID: 680-262130-9

Date Collected: 02/20/25 12:33
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.06 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 09:12	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1004.06 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 14:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-FB-2

Lab Sample ID: 680-262130-10

Date Collected: 02/20/25 11:00
Matrix: Water
Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.01 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 09:12	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1003.01 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708496	03/19/25 14:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-2

Client Sample ID: SCH-PZ-42I
Date Collected: 02/20/25 14:00
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.55 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 09:13	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1001.55 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708497	03/19/25 14:19	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-FB-4
Date Collected: 02/20/25 14:45
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.19 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 09:13	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1001.19 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708497	03/19/25 14:20	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-22
Date Collected: 02/20/25 15:05
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.17 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 09:13	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1001.17 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708497	03/19/25 14:20	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PZ-40I
Date Collected: 02/20/25 15:09
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.85 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 09:13	SWS	EET SL
	Instrument ID: GFPCBLUE									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-2

Client Sample ID: SCH-PZ-40I
Date Collected: 02/20/25 15:09
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1000.85 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708497	03/19/25 14:20	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-21
Date Collected: 02/20/25 16:35
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.75 mL	1.0 g	705014	02/27/25 07:27	OGC	EET SL
Total/NA	Analysis	9315		1			709425	03/26/25 09:13	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1001.75 mL	1.0 g	705016	02/27/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			708497	03/19/25 14:20	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			709438	03/26/25 13:08	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PZ-17I
Date Collected: 02/21/25 10:48
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.62 mL	1.0 g	709797	03/28/25 07:36	OGC	EET SL
Total/NA	Analysis	9315		1			713556	04/21/25 09:54	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1002.03 mL	1.0 g	705316	02/28/25 08:15	OGC	EET SL
Total/NA	Analysis	9320		1			708582	03/20/25 14:17	FLC	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			713840	04/22/25 09:26	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-EB-3
Date Collected: 02/21/25 10:58
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.11 mL	1.0 g	709797	03/28/25 07:36	OGC	EET SL
Total/NA	Analysis	9315		1			713556	04/21/25 09:54	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			994.32 mL	1.0 g	705316	02/28/25 08:15	OGC	EET SL
Total/NA	Analysis	9320		1			708582	03/20/25 14:17	FLC	EET SL
	Instrument ID: GFPCRED									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-2

Client Sample ID: SCH-AP1-EB-3

Lab Sample ID: 680-262130-17

Date Collected: 02/21/25 10:58

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			713840	04/22/25 09:26	SCB	EET SL

Client Sample ID: SCH-PZ-41S

Lab Sample ID: 680-262130-18

Date Collected: 02/21/25 09:52

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.89 mL	1.0 g	709797	03/28/25 07:36	OGC	EET SL
Total/NA	Analysis	9315		1			713556	04/21/25 09:54	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1006.68 mL	1.0 g	705316	02/28/25 08:15	OGC	EET SL
Total/NA	Analysis	9320		1			708685	03/20/25 14:26	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			713840	04/22/25 09:26	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-FD-4

Lab Sample ID: 680-262130-19

Date Collected: 02/21/25 00:00

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.58 mL	1.0 g	709797	03/28/25 07:36	OGC	EET SL
Total/NA	Analysis	9315		1			713556	04/21/25 09:55	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1007.16 mL	1.0 g	705316	02/28/25 08:15	OGC	EET SL
Total/NA	Analysis	9320		1			708685	03/20/25 14:27	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			713840	04/22/25 09:26	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-18

Lab Sample ID: 680-262130-20

Date Collected: 02/21/25 10:06

Matrix: Water

Date Received: 02/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1005.42 mL	1.0 g	709797	03/28/25 07:36	OGC	EET SL
Total/NA	Analysis	9315		1			713556	04/21/25 09:55	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1003.42 mL	1.0 g	705316	02/28/25 08:15	OGC	EET SL
Total/NA	Analysis	9320		1			708685	03/20/25 14:27	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			713840	04/22/25 09:26	SCB	EET SL
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-2

Client Sample ID: SCH-SGWC-19

Date Collected: 02/21/25 10:19
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.92 mL	1.0 g	705299	02/28/25 08:02	OGC	EET SL
Total/NA	Analysis	9315		1			709481	03/27/25 07:43	FLC	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			1004.92 mL	1.0 g	705301	02/28/25 08:05	OGC	EET SL
Total/NA	Analysis	9320		1			708685	03/20/25 12:28	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709690	03/27/25 14:21	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SGWC-23

Date Collected: 02/21/25 10:35
Date Received: 02/21/25 16:00

Lab Sample ID: 680-262130-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.70 mL	1.0 g	705299	02/28/25 08:02	OGC	EET SL
Total/NA	Analysis	9315		1	1.0 mL	1.0 mL	709481	03/27/25 07:43	FLC	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			1003.70 mL	1.0 g	705301	02/28/25 08:05	OGC	EET SL
Total/NA	Analysis	9320		1			708685	03/20/25 12:28	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			709690	03/27/25 14:21	SCB	EET SL
	Instrument ID: NOEQUIP									

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262130-2
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262130-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

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

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

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

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler(s): Dana Bloomfield	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 3
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (business days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR Plant Scherer Ash Pond	Project #:			
Site:				

Analysis Requested

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

Task_Code: SCH-CCR-ASSMT-2025S1
Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wwater S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D Chloride, Fluoride, Sulfate	2540C Solids, Total Dissolved (TDS)	6020B App III and IV metals w/ Mg, Mn, Na, K	7470A - App IV Mercury	9034 Sulfide	2320B Alkalinity, Total, Carb/Bicarb	9315_Ra226 Radium 226	9320_Ra228 Radium 228	Ra226Ra228_GFPC Combined Radium 226 and 228	6020B Fe				Total Number of containers
			Preservation Code:				N	N	D	D	CB	N	D	D	D	D				
SCH-SGWA-1 Loc 680 262130	2/20/25	11 59	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-SGWA-2	2/20/25	14 11	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-SGWA-5	2/20/25	11.20	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-SGWC-6	2/20/25	11:27	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-SGWC-11	2/20/25	10:45	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8
SCH-SGWC-15	2/20/25	10:35	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8
SCH-SGWC-20	2/20/25	11 08	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8
SCH-SGWA-3	2/20/25	14:33	G	WG	N	N	X	X	X	X		X	X	X	X					6
SCH-AP1-EB-1	2/20/25	12.33	G	WQ	N	N	X	X	X	X		X	X	X	X					6
SCH-AP1-FB-2	2/20/25	11 00	G	WQ	N	N	X	X	X	X	X	X	X	X	X	X				8
SCH-PZ-42I	2/20/25	14.00	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8

680-262130 Chain of Custody

Possible Hazard Identification
Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client Disposal By Lab Archive For _____ Months

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Dawn Prell	2/21/25 1245	WSP	Jake Stucky	2/21/25 1245	WSP
2	Jake Stucky	2/21/25 1302	WSP	Amanda Linear	2/21/25 13:02	C.NOW
3					2/21/25 1600	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 1.2/1.2 0.1/0.1 1.5/1.5 0.4/0.4

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

Chain of Custody Record

eurofins
environment Testing

Client Information	Sampler(s): Dana Bloomfield	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 2 of 3
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (business days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:				

Analysis Requested

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

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D Chloride, Fluoride, Sulfate	2540C Solids, Total Dissolved (TDS)	6020B App III and IV metals w/ Mg, Mn, Na, K	7470A App IV Mercury	9034 Sulfide	2320B Alkalinity, Total, Carb/Bicarb	9315_Ra226 Radium 226	9320_Ra228 Radium 228	Ra226Ra228_GFPC Combined Radium 226 and 228	6020B Fe				Total Number of containers	
			Preservation Code:				N	N	D	D	CB	N	D	D	D	D					
SCH-AP1-FB-4	2/20/25	14.45	G	WQ	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-SGWC-22	2/20/25	15:05	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-PZ-40I	2/20/25	15 09	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				10	Extra Rads
SCH-SGWC-21	2/20/25	16:35	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-PZ-17I	2/21/25	10:48	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-AP1-EB-3	2/21/25	10:58	G	WQ	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-PZ-41S	2/21/25	9:52	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-AP1-FD-4	2/21/25	-	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-SGWC-18	2/21/25	10:06	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-SGWC-19	2/21/25	10:19	G	WG	N	N	X	X	X	X		X	X	X	X					6	
SCH-SGWC-23	2/21/25	10.35	G	WG	N	N	X	X	X	X		X	X	X	X					6	

Possible Hazard Identification
Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months ☐

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	2/21/25 1245	WSP	2/21/25 1245	2/21/25 1245	WSP
2	Jake Stucky	2/21/25	WSP	Miranda Linear	2/21/25 19:02	CMW
3						

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 1.1/1.1 2.6/2.6 3.6/3.6 2.3/2.3

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262130-2

Login Number: 262130
List Number: 1
Creator: Faught, Timothy

List Source: Eurofins Savannah

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262130-2

Login Number: 262130
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/25/25 11:58 AM

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/7/2025 5:12:02 PM

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

680-262176-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



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3/7/2025 5:12:02 PM

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

Definitions/Glossary

Client: Southern Company
Job ID: 680-262176-1
Project/Site: CCR - Plant Scherer Ash Pond

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Metals

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

Glossary

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

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262176-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262176-1	SCH-PZ-39S	Water	02/24/25 14:37	02/25/25 11:30
680-262176-2	SCH-PZ-43S	Water	02/24/25 14:11	02/25/25 11:30
680-262176-3	SCH-PZ-44I	Water	02/24/25 11:06	02/25/25 11:30
680-262176-4	SCH-PZ-69I	Water	02/24/25 12:20	02/25/25 11:30
680-262176-5	SCH-AP1-EB-4	Water	02/24/25 13:09	02/25/25 11:30

Job ID: 680-262176-1 — Eurofins Savannah

Job Narrative
680-262176-1

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

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

Receipt
The samples were received on 2/25/2025 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.6°C and 1.7°C.

HPLC/IC
Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-877431 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride and Sulfate in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-877525 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-877525 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

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

General Chemistry
Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-PZ-43S (680-262176-2), SCH-PZ-44I (680-262176-3) and SCH-PZ-69i (680-262176-4).

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

Client Sample ID: SCH-PZ-39S

Lab Sample ID: 680-262176-1

Date Collected: 02/24/25 14:37

Matrix: Water

Date Received: 02/25/25 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**40**	**F1**	1.0	0.40	mg/L			03/01/25 18:52	1
Fluoride	<0.040		0.10	0.040	mg/L			03/01/25 18:52	1
Chloride	**6.1**		1.0	0.20	mg/L			03/01/25 18:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:19	02/26/25 16:41	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:19	02/26/25 16:41	1
Barium	**0.043**		0.010	0.00089	mg/L		02/26/25 05:19	02/26/25 16:41	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:19	02/26/25 16:41	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:19	02/26/25 16:41	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:19	02/26/25 16:41	1
Calcium	**24**		0.50	0.14	mg/L		02/26/25 05:19	02/26/25 16:41	1
Chromium	**0.023**		0.0020	0.0012	mg/L		02/26/25 05:19	02/26/25 16:41	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:19	02/26/25 16:41	1
Iron	**0.13**		0.10	0.012	mg/L		02/26/25 05:19	02/26/25 16:41	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:19	02/26/25 16:41	1
Lithium	**0.0025**	**J**	0.0050	0.0020	mg/L		02/26/25 05:19	02/27/25 11:07	1
Magnesium	**10**		0.50	0.023	mg/L		02/26/25 05:19	02/26/25 16:41	1
Manganese	**0.16**		0.0050	0.0022	mg/L		02/26/25 05:19	02/26/25 16:41	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:19	02/26/25 16:41	1
Potassium	**1.5**		0.50	0.044	mg/L		02/26/25 05:19	02/26/25 16:41	1
Selenium	**0.0015**	**J**	0.0050	0.00099	mg/L		02/26/25 05:19	02/26/25 16:41	1
Sodium	**7.5**		0.50	0.20	mg/L		02/26/25 05:19	02/26/25 16:41	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:19	02/26/25 16:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:20	03/05/25 10:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**68**		5.0	2.2	mg/L			02/26/25 20:30	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**68**		5.0	2.2	mg/L			02/26/25 20:30	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 20:30	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			02/27/25 17:29	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/26/25 15:19	02/26/25 16:09	1

Client Sample ID: SCH-PZ-43S

Lab Sample ID: 680-262176-2

Date Collected: 02/24/25 14:11

Matrix: Water

Date Received: 02/25/25 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**150**		5.0	2.0	mg/L			03/01/25 19:31	5
Fluoride	<0.20		0.50	0.20	mg/L			03/01/25 19:31	5
Chloride	**7.6**		5.0	1.0	mg/L			03/01/25 19:31	5

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262176-1

Client Sample ID: SCH-PZ-43S

Lab Sample ID: 680-262176-2

Date Collected: 02/24/25 14:11

Matrix: Water

Date Received: 02/25/25 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:19	02/26/25 16:49	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:19	02/26/25 16:49	1
Barium	**0.070**		0.010	0.00089	mg/L		02/26/25 05:19	02/26/25 16:49	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:19	02/26/25 16:49	1
Boron	**1.1**		0.080	0.022	mg/L		02/26/25 05:19	02/26/25 16:49	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:19	02/26/25 16:49	1
Calcium	**54**		0.50	0.14	mg/L		02/26/25 05:19	02/26/25 16:49	1
Chromium	**0.0020**		0.0020	0.0012	mg/L		02/26/25 05:19	02/26/25 16:49	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:19	02/26/25 16:49	1
Iron	<0.012		0.10	0.012	mg/L		02/26/25 05:19	02/26/25 16:49	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:19	02/26/25 16:49	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/25 05:19	02/27/25 11:15	1
Magnesium	**16**		0.50	0.023	mg/L		02/26/25 05:19	02/26/25 16:49	1
Manganese	**0.0054**		0.0050	0.0022	mg/L		02/26/25 05:19	02/26/25 16:49	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:19	02/26/25 16:49	1
Potassium	**3.3**		0.50	0.044	mg/L		02/26/25 05:19	02/26/25 16:49	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:19	02/26/25 16:49	1
Sodium	**15**		0.50	0.20	mg/L		02/26/25 05:19	02/26/25 16:49	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:19	02/26/25 16:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:20	03/05/25 10:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**63**		5.0	2.2	mg/L			02/26/25 20:11	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**63**		5.0	2.2	mg/L			02/26/25 20:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 20:11	1
Total Dissolved Solids (SM 2540C-2011)	**290**		40	40	mg/L			02/27/25 17:29	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/26/25 15:19	02/26/25 16:09	1

Client Sample ID: SCH-PZ-44I

Lab Sample ID: 680-262176-3

Date Collected: 02/24/25 11:06

Matrix: Water

Date Received: 02/25/25 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/03/25 11:54	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 11:54	1
Chloride	**3.2**		1.0	0.20	mg/L			03/03/25 11:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 21:02	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 21:02	1
Barium	**0.0099**	**J**	0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 21:02	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 21:02	1

Client Sample ID: SCH-PZ-44I

Lab Sample ID: 680-262176-3

Date Collected: 02/24/25 11:06

Matrix: Water

Date Received: 02/25/25 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.053**	**J**	0.080	0.022	mg/L		02/26/25 05:09	02/26/25 21:02	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 21:02	1
Calcium	**25**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 21:02	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 21:02	1
Cobalt	**0.0014**	**J**	0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 21:02	1
Iron	**1.6**		0.10	0.012	mg/L		02/26/25 05:09	02/26/25 21:02	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 21:02	1
Lithium	**0.037**		0.0050	0.0020	mg/L		02/26/25 05:09	02/27/25 13:58	1
Magnesium	**12**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 21:02	1
Manganese	**0.29**		0.0050	0.0022	mg/L		02/26/25 05:09	02/26/25 21:02	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:09	02/26/25 21:02	1
Potassium	**3.9**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 21:02	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 21:02	1
Sodium	**7.8**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 21:02	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 21:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:20	03/05/25 10:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**120**		5.0	2.2	mg/L			02/26/25 20:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**120**		5.0	2.2	mg/L			02/26/25 20:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 20:02	1
Total Dissolved Solids (SM 2540C-2011)	**170**		40	40	mg/L			02/27/25 17:29	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/26/25 15:19	02/26/25 16:09	1

Client Sample ID: SCH-PZ-69I

Lab Sample ID: 680-262176-4

Date Collected: 02/24/25 12:20

Matrix: Water

Date Received: 02/25/25 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**110**		5.0	2.0	mg/L			03/03/25 12:03	5
Fluoride	<0.20		0.50	0.20	mg/L			03/03/25 12:03	5
Chloride	**9.9**		5.0	1.0	mg/L			03/03/25 12:03	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:19	02/26/25 16:36	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:19	02/26/25 16:36	1
Barium	**0.18**		0.010	0.00089	mg/L		02/26/25 05:19	02/26/25 16:36	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:19	02/26/25 16:36	1
Boron	**0.40**		0.080	0.022	mg/L		02/26/25 05:19	02/26/25 16:36	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:19	02/26/25 16:36	1
Calcium	**49**		0.50	0.14	mg/L		02/26/25 05:19	02/26/25 16:36	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:19	02/26/25 16:36	1

Client Sample ID: SCH-PZ-69I

Lab Sample ID: 680-262176-4

Date Collected: 02/24/25 12:20

Matrix: Water

Date Received: 02/25/25 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.0022**	**J**	0.0025	0.00022	mg/L		02/26/25 05:19	02/26/25 16:36	1
Iron	**1.2**		0.10	0.012	mg/L		02/26/25 05:19	02/26/25 16:36	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:19	02/26/25 16:36	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/25 05:19	02/27/25 10:59	1
Magnesium	**14**		0.50	0.023	mg/L		02/26/25 05:19	02/26/25 16:36	1
Manganese	**1.2**		0.0050	0.0022	mg/L		02/26/25 05:19	02/26/25 16:36	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:19	02/26/25 16:36	1
Potassium	**5.6**		0.50	0.044	mg/L		02/26/25 05:19	02/26/25 16:36	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:19	02/26/25 16:36	1
Sodium	**23**		0.50	0.20	mg/L		02/26/25 05:19	02/26/25 16:36	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:19	02/26/25 16:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:20	03/05/25 10:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**96**		5.0	2.2	mg/L			02/26/25 20:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**96**		5.0	2.2	mg/L			02/26/25 20:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 20:20	1
Total Dissolved Solids (SM 2540C-2011)	**280**		40	40	mg/L			02/27/25 17:29	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/26/25 15:19	02/26/25 16:09	1

Client Sample ID: SCH-AP1-EB-4

Lab Sample ID: 680-262176-5

Date Collected: 02/24/25 13:09

Matrix: Water

Date Received: 02/25/25 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/03/25 12:13	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 12:13	1
Chloride	<0.20		1.0	0.20	mg/L			03/03/25 12:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:19	02/26/25 16:43	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:19	02/26/25 16:43	1
Barium	<0.00089		0.010	0.00089	mg/L		02/26/25 05:19	02/26/25 16:43	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:19	02/26/25 16:43	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:19	02/26/25 16:43	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:19	02/26/25 16:43	1
Calcium	<0.14		0.50	0.14	mg/L		02/26/25 05:19	02/26/25 16:43	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:19	02/26/25 16:43	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:19	02/26/25 16:43	1
Iron	<0.012		0.10	0.012	mg/L		02/26/25 05:19	02/26/25 16:43	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:19	02/26/25 16:43	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/25 05:19	02/27/25 11:11	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262176-1

Client Sample ID: SCH-AP1-EB-4
Date Collected: 02/24/25 13:09
Date Received: 02/25/25 11:30

Lab Sample ID: 680-262176-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.023		0.50	0.023	mg/L		02/26/25 05:19	02/26/25 16:43	1
Manganese	**0.0050**		0.0050	0.0022	mg/L		02/26/25 05:19	02/26/25 16:43	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:19	02/26/25 16:43	1
Potassium	<0.044		0.50	0.044	mg/L		02/26/25 05:19	02/26/25 16:43	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:19	02/26/25 16:43	1
Sodium	**0.29**	**J**	0.50	0.20	mg/L		02/26/25 05:19	02/26/25 16:43	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:19	02/26/25 16:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:20	03/05/25 10:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 20:43	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 20:43	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 20:43	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/27/25 17:29	1
Sulfide (SW846 9034)	<10		10	10	mg/L		02/26/25 15:19	02/26/25 16:09	1

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

Lab Sample ID: MB 680-877431/2
Matrix: Water
Analysis Batch: 877431

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/01/25 12:05	1
Fluoride	<0.040		0.10	0.040	mg/L			03/01/25 12:05	1
Chloride	<0.20		1.0	0.20	mg/L			03/01/25 12:05	1

Lab Sample ID: LCS 680-877431/3
Matrix: Water
Analysis Batch: 877431

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.7		mg/L		107	90 - 110
Fluoride	2.00	1.91		mg/L		95	90 - 110
Chloride	10.0	9.66		mg/L		97	90 - 110

Lab Sample ID: LCSD 680-877431/4
Matrix: Water
Analysis Batch: 877431

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	10.9		mg/L		109	90 - 110	2	15
Fluoride	2.00	2.03		mg/L		101	90 - 110	6	15
Chloride	10.0	10.3		mg/L		103	90 - 110	7	15

Lab Sample ID: 680-262176-1 MS
Matrix: Water
Analysis Batch: 877431

Client Sample ID: SCH-PZ-39S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	40	F1	20.0	63.8	E F1	mg/L		121	80 - 120
Fluoride	<0.040		4.00	3.54		mg/L		88	80 - 120
Chloride	6.1		20.0	24.5	E	mg/L		92	80 - 120

Lab Sample ID: 680-262176-1 MSD
Matrix: Water
Analysis Batch: 877431

Client Sample ID: SCH-PZ-39S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	40	F1	20.0	64.1	E F1	mg/L		123	80 - 120	1	15
Fluoride	<0.040		4.00	3.66		mg/L		91	80 - 120	3	15
Chloride	6.1		20.0	25.1	E	mg/L		95	80 - 120	2	15

Lab Sample ID: MB 680-877525/2
Matrix: Water
Analysis Batch: 877525

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/03/25 10:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 10:01	1
Chloride	<0.20		1.0	0.20	mg/L			03/03/25 10:01	1

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

Lab Sample ID: LCS 680-877525/3
Matrix: Water
Analysis Batch: 877525

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.6		mg/L		106	90 - 110		
Fluoride			2.00	1.85		mg/L		92	90 - 110		
Chloride			10.0	9.94		mg/L		99	90 - 110		

Lab Sample ID: LCSD 680-877525/4
Matrix: Water
Analysis Batch: 877525

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.6		mg/L		106	90 - 110	1	15
Fluoride			2.00	1.86		mg/L		93	90 - 110	1	15
Chloride			10.0	10.0		mg/L		100	90 - 110	1	15

Lab Sample ID: 680-262289-D-7 MS
Matrix: Water
Analysis Batch: 877525

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	20	F1	10.0	29.8		mg/L		94	80 - 120		
Fluoride	<0.040	F1 F2	2.00	1.25	F1	mg/L		62	80 - 120		
Chloride	26	E F1	10.0	32.2	E F1	mg/L		60	80 - 120		

Lab Sample ID: 680-262289-D-7 MSD
Matrix: Water
Analysis Batch: 877525

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	20	F1	10.0	33.9	F1	mg/L		134	80 - 120	13	15
Fluoride	<0.040	F1 F2	2.00	1.77	F2	mg/L		89	80 - 120	35	15
Chloride	26	E F1	10.0	34.5	E	mg/L		83	80 - 120	7	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877017/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:09	1
Barium	<0.00089		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:09	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:09	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:09	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:09	1
Calcium	<0.14		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:09	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:09	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:09	1
Iron	<0.012		0.10	0.012	mg/L		02/26/25 05:09	02/26/25 20:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:09	1
Magnesium	<0.023		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:09	1

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

Lab Sample ID: MB 680-877017/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.0022		0.0050	0.0022	mg/L		02/26/25 05:09	02/26/25 20:09	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:09	02/26/25 20:09	1
Potassium	<0.044		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:09	1
Sodium	<0.20		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:09	1

Lab Sample ID: MB 680-877017/1-A
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/25 05:09	02/27/25 12:45	1

Lab Sample ID: LCS 680-877017/2-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Arsenic	0.100	0.0990		mg/L		99	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Boron	0.400	0.371		mg/L		93	80 - 120
Cadmium	0.0500	0.0530		mg/L		106	80 - 120
Calcium	5.00	5.19		mg/L		104	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0499		mg/L		100	80 - 120
Iron	5.00	5.16		mg/L		103	80 - 120
Lead	0.500	0.572		mg/L		114	80 - 120
Magnesium	5.00	4.53		mg/L		91	80 - 120
Manganese	0.400	0.371		mg/L		93	80 - 120
Molybdenum	0.100	0.0967		mg/L		97	80 - 120
Potassium	7.00	6.75		mg/L		96	80 - 120
Selenium	0.100	0.110		mg/L		110	80 - 120
Sodium	5.00	4.86		mg/L		97	80 - 120
Thallium	0.0500	0.0456		mg/L		91	80 - 120

Lab Sample ID: LCS 680-877017/2-A
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.463		mg/L		93	80 - 120

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

Lab Sample ID: 400-271290-E-18-B MS
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0537		mg/L		107	75 - 125
Arsenic	<0.00086		0.100	0.105		mg/L		105	75 - 125
Barium	<0.00089		0.100	0.106		mg/L		106	75 - 125
Beryllium	<0.00020		0.0500	0.0576		mg/L		115	75 - 125
Boron	0.022	J	0.400	0.396		mg/L		99	75 - 125
Cadmium	<0.000078		0.0500	0.0559		mg/L		112	75 - 125
Calcium	<0.14		5.00	5.60		mg/L		112	75 - 125
Chromium	<0.0012		0.100	0.111		mg/L		111	75 - 125
Cobalt	<0.00022		0.0500	0.0519		mg/L		104	75 - 125
Iron	<0.012		5.00	5.09		mg/L		102	75 - 125
Lead	<0.00021		0.500	0.605		mg/L		121	75 - 125
Magnesium	<0.023		5.00	4.70		mg/L		94	75 - 125
Manganese	<0.0022		0.400	0.388		mg/L		97	75 - 125
Molybdenum	<0.00086		0.100	0.101		mg/L		101	75 - 125
Potassium	<0.044		7.00	7.08		mg/L		101	75 - 125
Selenium	<0.00099		0.100	0.106		mg/L		106	75 - 125
Sodium	<0.20		5.00	5.58		mg/L		112	75 - 125
Thallium	<0.00026		0.0500	0.0478		mg/L		96	75 - 125

Lab Sample ID: 400-271290-E-18-B MS
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0020		0.500	0.476		mg/L		95	75 - 125

Lab Sample ID: 400-271290-E-18-C MSD
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0534		mg/L		107	75 - 125	1	20
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125	1	20
Barium	<0.00089		0.100	0.104		mg/L		104	75 - 125	2	20
Beryllium	<0.00020		0.0500	0.0529		mg/L		106	75 - 125	9	20
Boron	0.022	J	0.400	0.402		mg/L		101	75 - 125	1	20
Cadmium	<0.000078		0.0500	0.0556		mg/L		111	75 - 125	0	20
Calcium	<0.14		5.00	5.46		mg/L		109	75 - 125	2	20
Chromium	<0.0012		0.100	0.108		mg/L		108	75 - 125	3	20
Cobalt	<0.00022		0.0500	0.0511		mg/L		102	75 - 125	2	20
Iron	<0.012		5.00	5.05		mg/L		101	75 - 125	1	20
Lead	<0.00021		0.500	0.595		mg/L		119	75 - 125	2	20
Magnesium	<0.023		5.00	4.62		mg/L		92	75 - 125	2	20
Manganese	<0.0022		0.400	0.379		mg/L		95	75 - 125	2	20
Molybdenum	<0.00086		0.100	0.0999		mg/L		100	75 - 125	1	20
Potassium	<0.044		7.00	6.96		mg/L		99	75 - 125	2	20
Selenium	<0.00099		0.100	0.106		mg/L		106	75 - 125	1	20
Sodium	<0.20		5.00	5.35		mg/L		107	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0468		mg/L		94	75 - 125	2	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: 400-271290-E-18-C MSD
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0020		0.500	0.491		mg/L		98	75 - 125	3	20

Lab Sample ID: MB 680-877019/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:19	02/26/25 16:26	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:19	02/26/25 16:26	1
Barium	<0.00089		0.010	0.00089	mg/L		02/26/25 05:19	02/26/25 16:26	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:19	02/26/25 16:26	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:19	02/26/25 16:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:19	02/26/25 16:26	1
Calcium	<0.14		0.50	0.14	mg/L		02/26/25 05:19	02/26/25 16:26	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:19	02/26/25 16:26	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:19	02/26/25 16:26	1
Iron	<0.012		0.10	0.012	mg/L		02/26/25 05:19	02/26/25 16:26	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:19	02/26/25 16:26	1
Magnesium	<0.023		0.50	0.023	mg/L		02/26/25 05:19	02/26/25 16:26	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/26/25 05:19	02/26/25 16:26	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:19	02/26/25 16:26	1
Potassium	<0.044		0.50	0.044	mg/L		02/26/25 05:19	02/26/25 16:26	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:19	02/26/25 16:26	1
Sodium	<0.20		0.50	0.20	mg/L		02/26/25 05:19	02/26/25 16:26	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:19	02/26/25 16:26	1

Lab Sample ID: MB 680-877019/1-A
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/25 05:19	02/27/25 10:39	1

Lab Sample ID: LCS 680-877019/2-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0532		mg/L		106	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.105		mg/L		105	80 - 120
Beryllium	0.0500	0.0529		mg/L		106	80 - 120
Boron	0.400	0.382		mg/L		96	80 - 120
Cadmium	0.0500	0.0555		mg/L		111	80 - 120
Calcium	5.00	5.36		mg/L		107	80 - 120
Chromium	0.100	0.108		mg/L		108	80 - 120
Cobalt	0.0500	0.0517		mg/L		103	80 - 120
Iron	5.00	4.97		mg/L		99	80 - 120
Lead	0.500	0.582		mg/L		116	80 - 120

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

Lab Sample ID: LCS 680-877019/2-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	5.00	4.58		mg/L		92	80 - 120
Manganese	0.400	0.381		mg/L		95	80 - 120
Molybdenum	0.100	0.0994		mg/L		99	80 - 120
Potassium	7.00	6.95		mg/L		99	80 - 120
Selenium	0.100	0.111		mg/L		111	80 - 120
Sodium	5.00	4.92		mg/L		98	80 - 120
Thallium	0.0500	0.0463		mg/L		93	80 - 120

Lab Sample ID: LCS 680-877019/2-A
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.465		mg/L		93	80 - 120

Lab Sample ID: 752-29791-F-12-B MS
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0567		mg/L		113	75 - 125
Arsenic	<0.00086		0.100	0.110		mg/L		110	75 - 125
Barium	<0.00089		0.100	0.109		mg/L		109	75 - 125
Beryllium	<0.00020		0.0500	0.0568		mg/L		114	75 - 125
Boron	<0.022		0.400	0.410		mg/L		103	75 - 125
Cadmium	<0.000078		0.0500	0.0578		mg/L		116	75 - 125
Calcium	<0.14		5.00	5.81		mg/L		116	75 - 125
Chromium	<0.0012		0.100	0.115		mg/L		115	75 - 125
Cobalt	<0.00022		0.0500	0.0549		mg/L		110	75 - 125
Iron	<0.012		5.00	5.32		mg/L		106	75 - 125
Lead	<0.00021		0.500	0.623		mg/L		125	75 - 125
Magnesium	<0.023		5.00	4.82		mg/L		96	75 - 125
Manganese	<0.0022		0.400	0.402		mg/L		100	75 - 125
Molybdenum	<0.00086		0.100	0.106		mg/L		106	75 - 125
Potassium	<0.044		7.00	7.36		mg/L		105	75 - 125
Selenium	<0.00099		0.100	0.113		mg/L		113	75 - 125
Sodium	<0.20		5.00	5.78		mg/L		116	75 - 125
Thallium	<0.00026		0.0500	0.0496		mg/L		99	75 - 125

Lab Sample ID: 752-29791-F-12-B MS
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0020		0.500	0.471		mg/L		94	75 - 125

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

Lab Sample ID: 752-29791-F-12-C MSD
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0557		mg/L		111	75 - 125	2	20
Arsenic	<0.00086		0.100	0.108		mg/L		108	75 - 125	2	20
Barium	<0.00089		0.100	0.109		mg/L		109	75 - 125	0	20
Beryllium	<0.00020		0.0500	0.0587		mg/L		117	75 - 125	3	20
Boron	<0.022		0.400	0.402		mg/L		101	75 - 125	2	20
Cadmium	<0.000078		0.0500	0.0569		mg/L		114	75 - 125	2	20
Calcium	<0.14		5.00	5.68		mg/L		114	75 - 125	2	20
Chromium	<0.0012		0.100	0.115		mg/L		115	75 - 125	0	20
Cobalt	<0.00022		0.0500	0.0533		mg/L		107	75 - 125	3	20
Iron	<0.012		5.00	5.44		mg/L		109	75 - 125	2	20
Lead	<0.00021		0.500	0.609		mg/L		122	75 - 125	2	20
Magnesium	<0.023		5.00	4.82		mg/L		96	75 - 125	0	20
Manganese	<0.0022		0.400	0.400		mg/L		100	75 - 125	1	20
Molybdenum	<0.00086		0.100	0.103		mg/L		103	75 - 125	3	20
Potassium	<0.044		7.00	7.27		mg/L		104	75 - 125	1	20
Selenium	<0.00099		0.100	0.112		mg/L		112	75 - 125	1	20
Sodium	<0.20		5.00	5.72		mg/L		114	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0490		mg/L		98	75 - 125	1	20

Lab Sample ID: 752-29791-F-12-C MSD
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0020		0.500	0.474		mg/L		95	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-877738/1-A
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877738

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:20	03/05/25 09:51	1

Lab Sample ID: LCS 680-877738/2-A
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877738

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00248		mg/L		99	80 - 120

Lab Sample ID: 680-262293-G-4-C MS
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 877738

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000820		mg/L		82	80 - 120

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

Lab Sample ID: 680-262293-G-4-D MSD
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 877738

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000986		mg/L		99	80 - 120	18	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877283/4
Matrix: Water
Analysis Batch: 877283

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1

Lab Sample ID: LCS 680-877283/6
Matrix: Water
Analysis Batch: 877283

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	244		mg/L		98	90 - 112		

Lab Sample ID: LCSD 680-877283/31
Matrix: Water
Analysis Batch: 877283

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	249		mg/L		100	90 - 112	2	30

Lab Sample ID: 240-219360-K-1 DU
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	310			312		mg/L				1	30
Bicarbonate Alkalinity as CaCO3	310			312		mg/L				1	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

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

Lab Sample ID: MB 680-877293/1
Matrix: Water
Analysis Batch: 877293

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/27/25 17:29	1

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

Lab Sample ID: LCS 680-877293/2
Matrix: Water
Analysis Batch: 877293

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

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

Lab Sample ID: LCSD 680-877293/3
Matrix: Water
Analysis Batch: 877293

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2370		mg/L		97	80 - 120	1	25

Lab Sample ID: 680-262130-C-18 DU
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1100			1140		mg/L				0.4	5

Lab Sample ID: 680-262130-C-19 DU
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1100			1120		mg/L				0.9	5

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 680-877149/1-A
Matrix: Water
Analysis Batch: 877163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877149

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<10		10	10	mg/L		02/26/25 15:19	02/26/25 16:09	1

Lab Sample ID: LCS 680-877149/2-A
Matrix: Water
Analysis Batch: 877163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877149

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			208	124		mg/L		59	50 - 150		

Lab Sample ID: LCSD 680-877149/3-A
Matrix: Water
Analysis Batch: 877163

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 877149

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide			208	147		mg/L		70	50 - 150	17	50

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric) (Continued)

Lab Sample ID: 680-262176-2 MS
Matrix: Water
Analysis Batch: 877163

Client Sample ID: SCH-PZ-43S
Prep Type: Total/NA
Prep Batch: 877149

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	<10		208	115		mg/L		55	50 - 150		

Lab Sample ID: 680-262176-2 MSD
Matrix: Water
Analysis Batch: 877163

Client Sample ID: SCH-PZ-43S
Prep Type: Total/NA
Prep Batch: 877149

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<10		208	130		mg/L		62	50 - 150	12	50

Lab Sample ID: 680-262176-1 DU
Matrix: Water
Analysis Batch: 877163

Client Sample ID: SCH-PZ-39S
Prep Type: Total/NA
Prep Batch: 877149

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Sulfide	<10			<10		mg/L				NC	50

HPLC/IC

Analysis Batch: 877431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-1	SCH-PZ-39S	Total/NA	Water	300.0-1993 R2.1	
680-262176-2	SCH-PZ-43S	Total/NA	Water	300.0-1993 R2.1	
MB 680-877431/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877431/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877431/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262176-1 MS	SCH-PZ-39S	Total/NA	Water	300.0-1993 R2.1	
680-262176-1 MSD	SCH-PZ-39S	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-3	SCH-PZ-44I	Total/NA	Water	300.0-1993 R2.1	
680-262176-4	SCH-PZ-69I	Total/NA	Water	300.0-1993 R2.1	
680-262176-5	SCH-AP1-EB-4	Total/NA	Water	300.0-1993 R2.1	
MB 680-877525/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877525/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877525/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262289-D-7 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262289-D-7 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-3	SCH-PZ-44I	Total Recoverable	Water	3005A	
MB 680-877017/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877017/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-271290-E-18-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-271290-E-18-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 877019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-1	SCH-PZ-39S	Total Recoverable	Water	3005A	
680-262176-2	SCH-PZ-43S	Total Recoverable	Water	3005A	
680-262176-4	SCH-PZ-69I	Total Recoverable	Water	3005A	
680-262176-5	SCH-AP1-EB-4	Total Recoverable	Water	3005A	
MB 680-877019/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877019/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-29791-F-12-B MS	Matrix Spike	Total Recoverable	Water	3005A	
752-29791-F-12-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 877192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-1	SCH-PZ-39S	Total Recoverable	Water	6020B	877019
680-262176-2	SCH-PZ-43S	Total Recoverable	Water	6020B	877019
680-262176-3	SCH-PZ-44I	Total Recoverable	Water	6020B	877017
680-262176-4	SCH-PZ-69I	Total Recoverable	Water	6020B	877019
680-262176-5	SCH-AP1-EB-4	Total Recoverable	Water	6020B	877019
MB 680-877017/1-A	Method Blank	Total Recoverable	Water	6020B	877017
MB 680-877019/1-A	Method Blank	Total Recoverable	Water	6020B	877019
LCS 680-877017/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877017
LCS 680-877019/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877019

Metals (Continued)

Analysis Batch: 877192 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-271290-E-18-B MS	Matrix Spike	Total Recoverable	Water	6020B	877017
400-271290-E-18-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877017
752-29791-F-12-B MS	Matrix Spike	Total Recoverable	Water	6020B	877019
752-29791-F-12-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877019

Analysis Batch: 877308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-1	SCH-PZ-39S	Total Recoverable	Water	6020B	877019
680-262176-2	SCH-PZ-43S	Total Recoverable	Water	6020B	877019
680-262176-3	SCH-PZ-44I	Total Recoverable	Water	6020B	877017
680-262176-4	SCH-PZ-69I	Total Recoverable	Water	6020B	877019
680-262176-5	SCH-AP1-EB-4	Total Recoverable	Water	6020B	877019
MB 680-877017/1-A	Method Blank	Total Recoverable	Water	6020B	877017
MB 680-877019/1-A	Method Blank	Total Recoverable	Water	6020B	877019
LCS 680-877017/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877017
LCS 680-877019/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877019
400-271290-E-18-B MS	Matrix Spike	Total Recoverable	Water	6020B	877017
400-271290-E-18-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877017
752-29791-F-12-B MS	Matrix Spike	Total Recoverable	Water	6020B	877019
752-29791-F-12-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877019

Prep Batch: 877738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-1	SCH-PZ-39S	Total/NA	Water	7470A	
680-262176-2	SCH-PZ-43S	Total/NA	Water	7470A	
680-262176-3	SCH-PZ-44I	Total/NA	Water	7470A	
680-262176-4	SCH-PZ-69I	Total/NA	Water	7470A	
680-262176-5	SCH-AP1-EB-4	Total/NA	Water	7470A	
MB 680-877738/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877738/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262293-G-4-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262293-G-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 877845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-1	SCH-PZ-39S	Total/NA	Water	7470A	877738
680-262176-2	SCH-PZ-43S	Total/NA	Water	7470A	877738
680-262176-3	SCH-PZ-44I	Total/NA	Water	7470A	877738
680-262176-4	SCH-PZ-69I	Total/NA	Water	7470A	877738
680-262176-5	SCH-AP1-EB-4	Total/NA	Water	7470A	877738
MB 680-877738/1-A	Method Blank	Total/NA	Water	7470A	877738
LCS 680-877738/2-A	Lab Control Sample	Total/NA	Water	7470A	877738
680-262293-G-4-C MS	Matrix Spike	Total/NA	Water	7470A	877738
680-262293-G-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	877738

General Chemistry

Prep Batch: 877149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-1	SCH-PZ-39S	Total/NA	Water	9030B	
680-262176-2	SCH-PZ-43S	Total/NA	Water	9030B	

General Chemistry (Continued)

Prep Batch: 877149 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-3	SCH-PZ-44I	Total/NA	Water	9030B	
680-262176-4	SCH-PZ-69I	Total/NA	Water	9030B	
680-262176-5	SCH-AP1-EB-4	Total/NA	Water	9030B	
MB 680-877149/1-A	Method Blank	Total/NA	Water	9030B	
LCS 680-877149/2-A	Lab Control Sample	Total/NA	Water	9030B	
LCSD 680-877149/3-A	Lab Control Sample Dup	Total/NA	Water	9030B	
680-262176-2 MS	SCH-PZ-43S	Total/NA	Water	9030B	
680-262176-2 MSD	SCH-PZ-43S	Total/NA	Water	9030B	
680-262176-1 DU	SCH-PZ-39S	Total/NA	Water	9030B	

Analysis Batch: 877163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-1	SCH-PZ-39S	Total/NA	Water	9034	877149
680-262176-2	SCH-PZ-43S	Total/NA	Water	9034	877149
680-262176-3	SCH-PZ-44I	Total/NA	Water	9034	877149
680-262176-4	SCH-PZ-69I	Total/NA	Water	9034	877149
680-262176-5	SCH-AP1-EB-4	Total/NA	Water	9034	877149
MB 680-877149/1-A	Method Blank	Total/NA	Water	9034	877149
LCS 680-877149/2-A	Lab Control Sample	Total/NA	Water	9034	877149
LCSD 680-877149/3-A	Lab Control Sample Dup	Total/NA	Water	9034	877149
680-262176-2 MS	SCH-PZ-43S	Total/NA	Water	9034	877149
680-262176-2 MSD	SCH-PZ-43S	Total/NA	Water	9034	877149
680-262176-1 DU	SCH-PZ-39S	Total/NA	Water	9034	877149

Analysis Batch: 877283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-1	SCH-PZ-39S	Total/NA	Water	2320B-2011	
680-262176-2	SCH-PZ-43S	Total/NA	Water	2320B-2011	
680-262176-3	SCH-PZ-44I	Total/NA	Water	2320B-2011	
680-262176-4	SCH-PZ-69I	Total/NA	Water	2320B-2011	
680-262176-5	SCH-AP1-EB-4	Total/NA	Water	2320B-2011	
MB 680-877283/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877283/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877283/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
240-219360-K-1 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-1	SCH-PZ-39S	Total/NA	Water	2540C-2011	
680-262176-2	SCH-PZ-43S	Total/NA	Water	2540C-2011	
680-262176-3	SCH-PZ-44I	Total/NA	Water	2540C-2011	
680-262176-4	SCH-PZ-69I	Total/NA	Water	2540C-2011	
680-262176-5	SCH-AP1-EB-4	Total/NA	Water	2540C-2011	
MB 680-877293/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877293/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877293/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262130-C-18 DU	Duplicate	Total/NA	Water	2540C-2011	
680-262130-C-19 DU	Duplicate	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262176-1

Client Sample ID: SCH-PZ-39S

Lab Sample ID: 680-262176-1

Date Collected: 02/24/25 14:37

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877431	03/01/25 18:52	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877019	02/26/25 05:19	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877308	02/27/25 11:07	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877019	02/26/25 05:19	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 16:41	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877738	03/04/25 15:20	MG	EET SAV
Total/NA	Analysis	7470A		1			877845	03/05/25 10:41	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 20:30	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	877149	02/26/25 15:19	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877163	02/26/25 16:09	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-PZ-43S

Lab Sample ID: 680-262176-2

Date Collected: 02/24/25 14:11

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	877431	03/01/25 19:31	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877019	02/26/25 05:19	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877308	02/27/25 11:15	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877019	02/26/25 05:19	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 16:49	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877738	03/04/25 15:20	MG	EET SAV
Total/NA	Analysis	7470A		1			877845	03/05/25 10:10	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 20:11	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	877149	02/26/25 15:19	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877163	02/26/25 16:09	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262176-1

Client Sample ID: SCH-PZ-44I

Lab Sample ID: 680-262176-3

Date Collected: 02/24/25 11:06

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 11:54	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877308	02/27/25 13:58	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 21:02	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877738	03/04/25 15:20	MG	EET SAV
Total/NA	Analysis	7470A		1			877845	03/05/25 10:13	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 20:02	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	877149	02/26/25 15:19	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877163	02/26/25 16:09	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: SCH-PZ-69I

Lab Sample ID: 680-262176-4

Date Collected: 02/24/25 12:20

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	877525	03/03/25 12:03	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877019	02/26/25 05:19	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877308	02/27/25 10:59	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877019	02/26/25 05:19	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 16:36	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877738	03/04/25 15:20	MG	EET SAV
Total/NA	Analysis	7470A		1			877845	03/05/25 10:15	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 20:20	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	877149	02/26/25 15:19	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877163	02/26/25 16:09	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262176-1

Client Sample ID: SCH-AP1-EB-4
Date Collected: 02/24/25 13:09
Date Received: 02/25/25 11:30

Lab Sample ID: 680-262176-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 12:13	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877019	02/26/25 05:19	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877308	02/27/25 11:11	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877019	02/26/25 05:19	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 16:43	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877738	03/04/25 15:20	MG	EET SAV
Total/NA	Analysis	7470A		1			877845	03/05/25 10:17	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 20:43	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Prep	9030B			6 mL	6 mL	877149	02/26/25 15:19	JAS	EET SAV
Total/NA	Analysis	9034		1	6 mL	6 mL	877163	02/26/25 16:09	JAS	EET SAV
	Instrument ID: NoEquip									

Laboratory References:

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

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262176-1
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins Savannah

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

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

Method Summary

Client: Southern Company
Job ID: 680-262176-1
Project/Site: CCR - Plant Scherer Ash Pond

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
9034	Sulfide, Acid Soluble and Insoluble (Titrimetric)	SW846	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

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

Laboratory References:

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

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

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (business days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:				

Analysis Requested

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

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III and IV metals w/ Mg, Mn, Na, K	7470A - App IV Mercury	9034 - Sulfide	2320B - Alkalinity, Total, Carb/Bicarb	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	6020B - Fe				Total Number of containers	
			Preservation Code:				N	N	D	D	CB	N	D	D	D	D					
SCH-PZ-39S	2/24/25	14:37	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-PZ-43S	2/24/25	14:11	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				10	Extra Rads
SCH-PZ-44I	2/24/25	11:06	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-PZ-69I	2/24/25	12:20	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-AP1-EB-4	2/24/25	13:09	G	WQ	N	N	X	X	X	X	X	X	X	X	X	X				8	

680-262176 Chain of Custody

Possible Hazard Identification
Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed
Return To Client ☐ Disposal By Lab ☐ Archive For ☐

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	MARK MANN /	2/25/2025 830	WSP	Miranda Mercer	2/25/2025 830	COURIER NOW
2					2-25-25 1130	TM
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.7/1.7 0.6/0.6

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795230.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262176-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/7/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Ash Pond	Project #: 68027798			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-PZ-39S (680-262176-1)	2/24/25	14:37 Eastern	G	Water			X	X	X	2	
SCH-PZ-43S (680-262176-2)	2/24/25	14:11 Eastern	G	Water			X	X	X	4	
SCH-PZ-44I (680-262176-3)	2/24/25	11:06 Eastern	G	Water			X	X	X	2	
SCH-PZ-69I (680-262176-4)	2/24/25	12:20 Eastern	G	Water			X	X	X	2	
SCH-AP1-EB-4 (680-262176-5)	2/24/25	13:09 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2-26-25 1415	TA	M. Pinette	FEB 27 2025 0825	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262176-1

Login Number: 262176

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/22/2025 12:06:42 PM

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

680-262176-2

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



Generated
4/22/2025 12:06:42 PM

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

Definitions/Glossary

Client: Southern Company
Job ID: 680-262176-2
Project/Site: CCR - Plant Scherer Ash Pond

Qualifiers

Rad

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
U	Result is less than the sample detection limit.

Glossary

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

Sample Summary

Client: Southern Company
Job ID: 680-262176-2
Project/Site: CCR - Plant Scherer Ash Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262176-1	SCH-PZ-39S	Water	02/24/25 14:37	02/25/25 11:30
680-262176-2	SCH-PZ-43S	Water	02/24/25 14:11	02/25/25 11:30
680-262176-3	SCH-PZ-44I	Water	02/24/25 11:06	02/25/25 11:30
680-262176-4	SCH-PZ-69I	Water	02/24/25 12:20	02/25/25 11:30
680-262176-5	SCH-AP1-EB-4	Water	02/24/25 13:09	02/25/25 11:30

Job ID: 680-262176-2 Eurofins Savannah

Job Narrative
680-262176-2

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

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

Receipt
The samples were received on 2/25/2025 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.6°C and 1.7°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium 228 batch 705316
The LCS recovered at (74%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68-154%) per method requirements. The LCS passes, no further action is required (LCS 160-705316/2-A)

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

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

Client Sample ID: SCH-PZ-39S

Lab Sample ID: 680-262176-1

Date Collected: 02/24/25 14:37

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0252	U	0.0703	0.0703	1.00	0.128	pCi/L	03/28/25 07:36	04/21/25 09:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.4*		*30 - 110*	*03/28/25 07:36*	*04/21/25 09:45*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0868	U *	0.368	0.368	1.00	0.669	pCi/L	02/28/25 08:15	03/20/25 12:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.4*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:52*	*1*
Y Carrier	*81.1*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:52*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.112	U	0.375	0.375	5.00	0.669	pCi/L		04/22/25 09:26	1

Client Sample ID: SCH-PZ-43S

Lab Sample ID: 680-262176-2

Date Collected: 02/24/25 14:11

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0362	U	0.0750	0.0751	1.00	0.134	pCi/L	03/28/25 07:36	04/21/25 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.5*		*30 - 110*	*03/28/25 07:36*	*04/21/25 15:17*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.00785	U *	0.356	0.356	1.00	0.662	pCi/L	02/28/25 08:15	03/20/25 12:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.6*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:52*	*1*
Y Carrier	*84.5*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:52*	*1*

Client Sample ID: SCH-PZ-43S

Lab Sample ID: 680-262176-2

Date Collected: 02/24/25 14:11

Matrix: Water

Date Received: 02/25/25 11:30

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0441	U	0.364	0.364	5.00	0.662	pCi/L		04/22/25 09:26	1

Client Sample ID: SCH-PZ-44I

Lab Sample ID: 680-262176-3

Date Collected: 02/24/25 11:06

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0682	U	0.0493	0.0497	1.00	0.135	pCi/L	03/28/25 07:36	04/21/25 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.6*		*30 - 110*	*03/28/25 07:36*	*04/21/25 15:17*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.134	U *	0.312	0.313	1.00	0.551	pCi/L	02/28/25 08:15	03/20/25 12:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.6*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:52*	*1*
Y Carrier	*86.7*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:52*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0662	U	0.316	0.317	5.00	0.551	pCi/L		04/22/25 09:26	1

Client Sample ID: SCH-PZ-69I

Lab Sample ID: 680-262176-4

Date Collected: 02/24/25 12:20

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0412	U	0.0681	0.0682	1.00	0.118	pCi/L	03/28/25 07:36	04/21/25 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.7*		*30 - 110*	*03/28/25 07:36*	*04/21/25 15:17*	*1*

Client Sample ID: SCH-PZ-69I

Lab Sample ID: 680-262176-4

Date Collected: 02/24/25 12:20

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.306	U *	0.297	0.298	1.00	0.472	pCi/L	02/28/25 08:15	03/20/25 12:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:53*	*1*
Y Carrier	*86.0*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:53*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.347	U	0.305	0.306	5.00	0.472	pCi/L		04/22/25 09:26	1

Client Sample ID: SCH-AP1-EB-4

Lab Sample ID: 680-262176-5

Date Collected: 02/24/25 13:09

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0292	U	0.0623	0.0624	1.00	0.114	pCi/L	03/28/25 07:36	04/21/25 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*68.5*		*30 - 110*	*03/28/25 07:36*	*04/21/25 15:17*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0791	U *	0.419	0.420	1.00	0.755	pCi/L	02/28/25 08:15	03/20/25 12:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:53*	*1*
Y Carrier	*77.0*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:53*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.108	U	0.424	0.425	5.00	0.755	pCi/L		04/22/25 09:26	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262176-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water | **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
680-262176-1	SCH-PZ-39S	80.4
680-262176-2	SCH-PZ-43S	77.5
680-262176-3	SCH-PZ-44I	73.6
680-262176-4	SCH-PZ-69I	79.7
680-262176-5	SCH-AP1-EB-4	68.5
LCS 160-709797/2-A	Lab Control Sample	74.1
LCSD 160-709797/3-A	Lab Control Sample Dup	76.0
MB 160-709797/1-A	Method Blank	74.6

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water | **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
680-262176-1	SCH-PZ-39S	76.4	81.1
680-262176-2	SCH-PZ-43S	80.6	84.5
680-262176-2 DU	SCH-PZ-43S	91.6	83.0
680-262176-3	SCH-PZ-44I	85.6	86.7
680-262176-4	SCH-PZ-69I	89.5	86.0
680-262176-5	SCH-AP1-EB-4	87.4	77.0
LCS 160-705316/2-A	Lab Control Sample	92.7	80.4
MB 160-705316/1-A	Method Blank	85.3	81.9

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-709797/1-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709797

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01948	U	0.0561	0.0561	1.00	0.106	pCi/L	03/28/25 07:36	04/21/25 09:54	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.6*		*30 - 110*	*03/28/25 07:36*	*04/21/25 09:54*	*1*

Lab Sample ID: LCS 160-709797/2-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709797

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	11.09		1.16	1.00	0.107	pCi/L	116	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*74.1*		*30 - 110*

Lab Sample ID: LCSD 160-709797/3-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709797

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			9.58	9.902		1.05	1.00	0.0949	pCi/L	103	75 - 125	0.54	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*76.0*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705316/1-A
Matrix: Water
Analysis Batch: 708686

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705316

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.07654	U	0.344	0.344	1.00	0.661	pCi/L	02/28/25 08:15	03/20/25 12:52	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:52*	*1*
Y Carrier	*81.9*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:52*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-705316/2-A
Matrix: Water
Analysis Batch: 708582

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705316

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.00	5.894		1.18	1.00	0.841	pCi/L	74	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*92.7*		*30 - 110*
Y Carrier	*80.4*		*30 - 110*

Lab Sample ID: 680-262176-2 DU
Matrix: Water
Analysis Batch: 708686

Client Sample ID: SCH-PZ-43S
Prep Type: Total/NA
Prep Batch: 705316

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.00785	U *		0.04182	U *	0.304	1.00	0.559	pCi/L			0.05	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*91.6*		*30 - 110*
Y Carrier	*83.0*		*30 - 110*

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262176-2

Rad

Prep Batch: 705316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-1	SCH-PZ-39S	Total/NA	Water	PrecSep_0	
680-262176-2	SCH-PZ-43S	Total/NA	Water	PrecSep_0	
680-262176-3	SCH-PZ-44I	Total/NA	Water	PrecSep_0	
680-262176-4	SCH-PZ-69I	Total/NA	Water	PrecSep_0	
680-262176-5	SCH-AP1-EB-4	Total/NA	Water	PrecSep_0	
MB 160-705316/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705316/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-262176-2 DU	SCH-PZ-43S	Total/NA	Water	PrecSep_0	

Prep Batch: 709797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262176-1	SCH-PZ-39S	Total/NA	Water	PrecSep-21	
680-262176-2	SCH-PZ-43S	Total/NA	Water	PrecSep-21	
680-262176-3	SCH-PZ-44I	Total/NA	Water	PrecSep-21	
680-262176-4	SCH-PZ-69I	Total/NA	Water	PrecSep-21	
680-262176-5	SCH-AP1-EB-4	Total/NA	Water	PrecSep-21	
MB 160-709797/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-709797/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-709797/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262176-2

Client Sample ID: SCH-PZ-39S

Lab Sample ID: 680-262176-1

Date Collected: 02/24/25 14:37

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.19 mL	1.0 g	709797	03/28/25 07:36	OGC	EET SL
Total/NA	Analysis	9315		1			713557	04/21/25 09:45	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1000.72 mL	1.0 g	705316	02/28/25 08:15	OGC	EET SL
Total/NA	Analysis	9320		1			708686	03/20/25 12:52	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			713840	04/22/25 09:26	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PZ-43S

Lab Sample ID: 680-262176-2

Date Collected: 02/24/25 14:11

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.60 mL	1.0 g	709797	03/28/25 07:36	OGC	EET SL
Total/NA	Analysis	9315		1			713556	04/21/25 15:17	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1002.03 mL	1.0 g	705316	02/28/25 08:15	OGC	EET SL
Total/NA	Analysis	9320		1			708686	03/20/25 12:52	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			713840	04/22/25 09:26	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PZ-44I

Lab Sample ID: 680-262176-3

Date Collected: 02/24/25 11:06

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1006.33 mL	1.0 g	709797	03/28/25 07:36	OGC	EET SL
Total/NA	Analysis	9315		1			713556	04/21/25 15:17	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1001.34 mL	1.0 g	705316	02/28/25 08:15	OGC	EET SL
Total/NA	Analysis	9320		1			708686	03/20/25 12:52	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			713840	04/22/25 09:26	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PZ-69I

Lab Sample ID: 680-262176-4

Date Collected: 02/24/25 12:20

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.95 mL	1.0 g	709797	03/28/25 07:36	OGC	EET SL
Total/NA	Analysis	9315		1			713556	04/21/25 15:17	SWS	EET SL
	Instrument ID: GFPCBLUE									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262176-2

Client Sample ID: SCH-PZ-69I

Lab Sample ID: 680-262176-4

Date Collected: 02/24/25 12:20
Matrix: Water
Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1000.76 mL	1.0 g	705316	02/28/25 08:15	OGC	EET SL
Total/NA	Analysis	9320		1			708686	03/20/25 12:53	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			713840	04/22/25 09:26	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-AP1-EB-4

Lab Sample ID: 680-262176-5

Date Collected: 02/24/25 13:09
Matrix: Water
Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.89 mL	1.0 g	709797	03/28/25 07:36	OGC	EET SL
Total/NA	Analysis	9315		1			713556	04/21/25 15:17	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1005.07 mL	1.0 g	705316	02/28/25 08:15	OGC	EET SL
Total/NA	Analysis	9320		1			708686	03/20/25 12:53	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			713840	04/22/25 09:26	SCB	EET SL
	Instrument ID: NOEQUIP									

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262176-2
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 680-262176-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

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

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

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

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (business days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:				

Analysis Requested

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

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III and IV metals w/ Mg, Mn, Na, K	7470A - App IV Mercury	9034 - Sulfide	2320B - Alkalinity, Total, Carb/Bicarb	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	6020B - Fe				Total Number of containers	
			Preservation Code:				N	N	D	D	CB	N	D	D	D	D					
SCH-PZ-39S	2/24/25	14:37	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-PZ-43S	2/24/25	14:11	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				10	Extra Rads
SCH-PZ-44I	2/24/25	11:06	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-PZ-69I	2/24/25	12:20	G	WG	N	N	X	X	X	X	X	X	X	X	X	X				8	
SCH-AP1-EB-4	2/24/25	13:09	G	WQ	N	N	X	X	X	X	X	X	X	X	X	X				8	

680-262176 Chain of Custody

Possible Hazard Identification
Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed
Return To Client ☐ Disposal By Lab ☐ Archive For _____

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN /	2/25/2025 830	WSP	Miranda Mercer	2/25/2025 830	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				2-25-25 1130	TM
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.7/1.7 0.6/0.6

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795230.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262176-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/7/2025	Analysis Requested		Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Ash Pond	Project #: 68027798			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-PZ-39S (680-262176-1)	2/24/25	14:37 Eastern	G	Water			X	X	X	2	
SCH-PZ-43S (680-262176-2)	2/24/25	14:11 Eastern	G	Water			X	X	X	4	
SCH-PZ-44I (680-262176-3)	2/24/25	11:06 Eastern	G	Water			X	X	X	2	
SCH-PZ-69I (680-262176-4)	2/24/25	12:20 Eastern	G	Water			X	X	X	2	
SCH-AP1-EB-4 (680-262176-5)	2/24/25	13:09 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2-26-25 1415	TA	M. Pinetta	FEB 27 2025 0825	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262176-2

Login Number: 262176

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262176-2

Login Number: 262176
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/27/25 11:21 AM

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

APPENDIX B

Analytical Results July 2025

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/7/2025 2:38:40 PM

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

705-37774-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



Generated
8/7/2025 2:38:40 PM

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

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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-37774-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-37774-1	SCH-SGWC-16	Water	07/23/25 13:33	07/24/25 10:45	Georgia
705-37774-2	SCH-AP1-FD-2	Water	07/23/25 00:00	07/24/25 10:45	Georgia
705-37774-3	SCH-SGWC-17	Water	07/23/25 15:39	07/24/25 10:45	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Dana Bloomfield	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 404-242-7557	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504533 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn	6020B - App IV Metals + Mg, Na, K, Mn, Fe	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity	Total Number of containers
			Preservation Code:				N	N	D	D	D	D	D	D	D	N	
SCH-SGWC-16	7/23/25	1333	G	WG			X	X	X	X		X	X	X	X	X	5
SCH-AP1-FD-2	7/23/25	-	G	WG			X	X	X	X		X	X	X	X	X	5
SCH-SGWC-17	7/23/25	1539	G	WG			X	X	X	X		X	X	X	X	X	5

705-37774 COC

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	7/24/25 0825	WSI	MIKE GEMMILL	7/24/25 825	Courier Now
MIKE GEMMILL	7/24/25 1045	Courier Now		7.24.25	1045
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: # 2665 CR 3.1 3.2 3.0 4.9 4.4

Ver: 01/16/2019

8/7/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-37774-1

Login Number: 37774
List Number: 1
Creator: Tescum, Allyson

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-37774-1

Qualifiers

HPLC/IC

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

Metals

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

Glossary

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

Job ID: 705-37774-1 Eurofins Atlanta

Job Narrative
705-37774-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/24/2025 10:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.0°C, 3.1°C, 3.2°C, 4.4°C and 4.9°C.

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

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-70309 and analytical batch 705-70648 contained Manganese above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B - Total Recoverable: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-70309 and analytical batch 705-70648 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-37774-1

Client Sample ID: SCH-SGWC-16 — Lab Sample ID: 705-37774-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	87		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.83		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	1.9		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.059		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00044	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.00042	J	0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Chromium	0.015		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Cobalt	0.0093		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Lead	0.0014		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Magnesium	1.3		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.049	B	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0011	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	0.80		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	45		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00064	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	5.4		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	5.4		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	170		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-AP1-FD-2 — Lab Sample ID: 705-37774-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.098	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	92		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.86		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	2.0		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.061		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.015		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Cobalt	0.0095		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	1.3		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.050	B	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	0.82		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	46		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	5.5		3.0	3.0	mg/L	1		2320B-2011	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: SCH-AP1-FD-2 (Continued)

Lab Sample ID: 705-37774-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bicarbonate Alkalinity as CaCO3	5.5		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	170		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWC-17

Lab Sample ID: 705-37774-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	360		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.39		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	77		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.031		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0066		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Cobalt	0.00059	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	41		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.033	B	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	0.49		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	26		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	61		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	61		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	720		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-SGWC-16

Lab Sample ID: 705-37774-1

Date Collected: 07/23/25 13:33

Matrix: Water

Date Received: 07/24/25 10:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10**		1.0	0.98	mg/L			07/25/25 21:48	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			07/26/25 22:10	1
Sulfate	**87**		10	7.7	mg/L			07/26/25 22:44	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.83**		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:57	1
Calcium	**1.9**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:57	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 12:05	08/07/25 09:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/25/25 12:16	07/25/25 18:31	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/25/25 12:16	07/25/25 18:31	1
Barium	**0.059**		0.010	0.00041	mg/L		07/25/25 12:16	07/25/25 18:31	1
Beryllium	**0.00044**	**J**	0.0010	0.00015	mg/L		07/25/25 12:16	07/25/25 18:31	1
Cadmium	**0.00042**	**J**	0.00070	0.00024	mg/L		07/25/25 12:16	07/25/25 18:31	1
Chromium	**0.015**		0.0050	0.0037	mg/L		07/25/25 12:16	07/25/25 18:31	1
Cobalt	**0.0093**		0.0050	0.00041	mg/L		07/25/25 12:16	07/25/25 18:31	1
Lead	**0.0014**		0.0010	0.00086	mg/L		07/25/25 12:16	07/25/25 18:31	1
Magnesium	**1.3**		0.10	0.016	mg/L		07/25/25 12:16	07/25/25 18:31	1
Manganese	**0.049**	**B**	0.0050	0.0013	mg/L		07/25/25 12:16	07/25/25 18:31	1
Molybdenum	**0.0011**	**J**	0.0050	0.00069	mg/L		07/25/25 12:16	07/25/25 18:31	1
Potassium	**0.80**		0.10	0.044	mg/L		07/25/25 12:16	07/25/25 18:31	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/25/25 12:16	07/25/25 18:31	1
Sodium	**45**		0.50	0.25	mg/L		07/25/25 12:16	07/25/25 18:31	1
Thallium	**0.00064**	**J**	0.0010	0.00019	mg/L		07/25/25 12:16	07/25/25 18:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/05/25 09:31	08/05/25 15:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**5.4**		3.0	3.0	mg/L			07/30/25 11:11	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**5.4**		3.0	3.0	mg/L			07/30/25 11:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/30/25 11:11	1
Total Dissolved Solids (SM 2540C - 2015)	**170**		10	10	mg/L			07/28/25 14:15	1

Client Sample ID: SCH-AP1-FD-2

Lab Sample ID: 705-37774-2

Date Collected: 07/23/25 00:00

Matrix: Water

Date Received: 07/24/25 10:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11**		1.0	0.98	mg/L			07/25/25 21:59	1
Fluoride	**0.098**	**J**	0.20	0.081	mg/L			07/26/25 22:22	1
Sulfate	**92**		10	7.7	mg/L			07/26/25 22:55	10

Client Sample ID: SCH-AP1-FD-2

Lab Sample ID: 705-37774-2

Date Collected: 07/23/25 00:00

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.86**		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 20:03	1
Calcium	**2.0**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 20:03	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 12:05	08/07/25 10:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/25/25 12:16	07/25/25 18:44	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/25/25 12:16	07/25/25 18:44	1
Barium	**0.061**		0.010	0.00041	mg/L		07/25/25 12:16	07/25/25 18:44	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/25/25 12:16	07/25/25 18:44	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/25/25 12:16	07/25/25 18:44	1
Chromium	**0.015**		0.0050	0.0037	mg/L		07/25/25 12:16	07/25/25 18:44	1
Cobalt	**0.0095**		0.0050	0.00041	mg/L		07/25/25 12:16	07/25/25 18:44	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/25/25 12:16	07/25/25 18:44	1
Magnesium	**1.3**		0.10	0.016	mg/L		07/25/25 12:16	07/25/25 18:44	1
Manganese	**0.050**	**B**	0.0050	0.0013	mg/L		07/25/25 12:16	07/25/25 18:44	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/25/25 12:16	07/25/25 18:44	1
Potassium	**0.82**		0.10	0.044	mg/L		07/25/25 12:16	07/25/25 18:44	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/25/25 12:16	07/25/25 18:44	1
Sodium	**46**		0.50	0.25	mg/L		07/25/25 12:16	07/25/25 18:44	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/25/25 12:16	07/25/25 18:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/05/25 09:31	08/05/25 15:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**5.5**		3.0	3.0	mg/L			07/30/25 11:11	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**5.5**		3.0	3.0	mg/L			07/30/25 11:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/30/25 11:11	1
Total Dissolved Solids (SM 2540C - 2015)	**170**		10	10	mg/L			07/28/25 14:15	1

Client Sample ID: SCH-SGWC-17

Lab Sample ID: 705-37774-3

Date Collected: 07/23/25 15:39

Matrix: Water

Date Received: 07/24/25 10:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.7**		1.0	0.98	mg/L			07/25/25 22:10	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			07/26/25 22:33	1
Sulfate	**360**		10	7.7	mg/L			07/26/25 23:41	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.39**		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 20:00	1
Calcium	**77**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 20:00	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 12:05	08/07/25 10:01	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-37774-1

Client Sample ID: SCH-SGWC-17

Date Collected: 07/23/25 15:39
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37774-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/25/25 12:16	07/25/25 18:47	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/25/25 12:16	07/25/25 18:47	1
Barium	**0.031**		0.010	0.00041	mg/L		07/25/25 12:16	07/25/25 18:47	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/25/25 12:16	07/25/25 18:47	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/25/25 12:16	07/25/25 18:47	1
Chromium	**0.0066**		0.0050	0.0037	mg/L		07/25/25 12:16	07/25/25 18:47	1
Cobalt	**0.00059**	**J**	0.0050	0.00041	mg/L		07/25/25 12:16	07/25/25 18:47	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/25/25 12:16	07/25/25 18:47	1
Magnesium	**41**		0.10	0.016	mg/L		07/25/25 12:16	07/25/25 18:47	1
Manganese	**0.033**	**B**	0.0050	0.0013	mg/L		07/25/25 12:16	07/25/25 18:47	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/25/25 12:16	07/25/25 18:47	1
Potassium	**0.49**		0.10	0.044	mg/L		07/25/25 12:16	07/25/25 18:47	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/25/25 12:16	07/25/25 18:47	1
Sodium	**26**		0.50	0.25	mg/L		07/25/25 12:16	07/25/25 18:47	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/25/25 12:16	07/25/25 18:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/05/25 09:31	08/05/25 15:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**61**		3.0	3.0	mg/L			07/30/25 11:11	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**61**		3.0	3.0	mg/L			07/30/25 11:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/30/25 11:11	1
Total Dissolved Solids (SM 2540C - 2015)	**720**		10	10	mg/L			07/28/25 14:15	1

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-37774-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-37774-1

Client Sample ID: SCH-SGWC-16

Lab Sample ID: 705-37774-1
Matrix: Water
Date Collected: 07/23/25 13:33
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70294	MS	EET ATL	07/25/25 21:48
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/26/25 22:10
Total/NA	Analysis	300.0		10	70525	MS	EET ATL	07/26/25 22:44
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:57
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	73158	DS	EET ATL	08/07/25 09:58
Total Recoverable	Prep	3005A			70309	EF	EET ATL	07/25/25 12:16
Total Recoverable	Analysis	6020B		1	70648	IF	EET ATL	07/25/25 18:31
Total/NA	Prep	7470A			72572	GR	EET ATL	08/05/25 09:31
Total/NA	Analysis	7470A		1	72672	GR	EET ATL	08/05/25 15:52
Total/NA	Analysis	2320B-2011		1	71338	AH	EET ATL	07/30/25 11:11
Total/NA	Analysis	2540C - 2015		1	70795	NN	EET ATL	07/28/25 14:15

Client Sample ID: SCH-AP1-FD-2

Lab Sample ID: 705-37774-2
Matrix: Water
Date Collected: 07/23/25 00:00
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70294	MS	EET ATL	07/25/25 21:59
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/26/25 22:22
Total/NA	Analysis	300.0		10	70525	MS	EET ATL	07/26/25 22:55
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 20:03
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	73158	DS	EET ATL	08/07/25 10:00
Total Recoverable	Prep	3005A			70309	EF	EET ATL	07/25/25 12:16
Total Recoverable	Analysis	6020B		1	70648	IF	EET ATL	07/25/25 18:44
Total/NA	Prep	7470A			72572	GR	EET ATL	08/05/25 09:31
Total/NA	Analysis	7470A		1	72672	GR	EET ATL	08/05/25 15:24
Total/NA	Analysis	2320B-2011		1	71338	AH	EET ATL	07/30/25 11:11
Total/NA	Analysis	2540C - 2015		1	70795	NN	EET ATL	07/28/25 14:15

Client Sample ID: SCH-SGWC-17

Lab Sample ID: 705-37774-3
Matrix: Water
Date Collected: 07/23/25 15:39
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70294	MS	EET ATL	07/25/25 22:10
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/26/25 22:33
Total/NA	Analysis	300.0		10	70525	MS	EET ATL	07/26/25 23:41
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 20:00

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-37774-1

Client Sample ID: SCH-SGWC-17

Date Collected: 07/23/25 15:39
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37774-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	73158	DS	EET ATL	08/07/25 10:01
Total Recoverable	Prep	3005A			70309	EF	EET ATL	07/25/25 12:16
Total Recoverable	Analysis	6020B		1	70648	IF	EET ATL	07/25/25 18:47
Total/NA	Prep	7470A			72572	GR	EET ATL	08/05/25 09:31
Total/NA	Analysis	7470A		1	72672	GR	EET ATL	08/05/25 15:56
Total/NA	Analysis	2320B-2011		1	71280	AH	EET ATL	07/30/25 11:11
Total/NA	Analysis	2540C - 2015		1	70795	NN	EET ATL	07/28/25 14:15

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-70294/108
Matrix: Water
Analysis Batch: 70294

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/25/25 18:34	1
Fluoride	<0.081		0.20	0.081	mg/L			07/25/25 18:34	1
Sulfate	<0.77		1.0	0.77	mg/L			07/25/25 18:34	1

Lab Sample ID: LCS 705-70294/109
Matrix: Water
Analysis Batch: 70294

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.4		mg/L		104	90 - 110
Fluoride	5.00	4.95		mg/L		99	90 - 110
Sulfate	25.0	26.5		mg/L		106	90 - 110

Lab Sample ID: 705-37918-I-11 MS
Matrix: Water
Analysis Batch: 70294

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	9.2		10.0	18.6		mg/L		95	90 - 110
Sulfate	1.8		25.0	26.4		mg/L		99	90 - 110

Lab Sample ID: 705-37918-I-11 MSD
Matrix: Water
Analysis Batch: 70294

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.2		10.0	18.9		mg/L		98	90 - 110	2	20
Sulfate	1.8		25.0	26.9		mg/L		101	90 - 110	2	20

Lab Sample ID: MB 705-70525/1002
Matrix: Water
Analysis Batch: 70525

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/26/25 21:01	1
Fluoride	<0.081		0.20	0.081	mg/L			07/26/25 21:01	1
Sulfate	<0.77		1.0	0.77	mg/L			07/26/25 21:01	1

Lab Sample ID: LCS 705-70525/1001
Matrix: Water
Analysis Batch: 70525

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.59		mg/L		96	90 - 110
Fluoride	5.00	5.02		mg/L		100	90 - 110
Sulfate	25.0	25.2		mg/L		101	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-37757-D-3 MS
Matrix: Water
Analysis Batch: 70525

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.8		10.0	13.8		mg/L		101	90 - 110
Fluoride	0.27		5.00	5.11		mg/L		97	90 - 110
Sulfate	2.7		25.0	28.4		mg/L		103	90 - 110

Lab Sample ID: 705-37757-D-3 MSD
Matrix: Water
Analysis Batch: 70525

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.8		10.0	13.9		mg/L		101	90 - 110	0	20
Fluoride	0.27		5.00	5.14		mg/L		98	90 - 110	1	20
Sulfate	2.7		25.0	28.9		mg/L		105	90 - 110	2	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-72838/1-A
Matrix: Water
Analysis Batch: 72985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 16:50	1
Calcium	<0.038		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 16:50	1

Lab Sample ID: MB 705-72838/1-A
Matrix: Water
Analysis Batch: 73158

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 12:05	08/07/25 09:36	1

Lab Sample ID: LCS 705-72838/2-A
Matrix: Water
Analysis Batch: 72985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.05		mg/L		105	80 - 120
Calcium	10.0	10.3		mg/L		103	80 - 120

Lab Sample ID: LCS 705-72838/2-A
Matrix: Water
Analysis Batch: 73158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.14		mg/L		114	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 752-35211-F-1-B MS
Matrix: Water
Analysis Batch: 72985

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.045	J	1.00	1.04		mg/L		100	75 - 125
Calcium	79		10.0	87.1		mg/L		84	75 - 125

Lab Sample ID: 752-35211-F-1-B MS
Matrix: Water
Analysis Batch: 73158

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037		1.00	1.23		mg/L		123	75 - 125

Lab Sample ID: 752-35211-F-1-C MSD
Matrix: Water
Analysis Batch: 72985

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.045	J	1.00	1.06		mg/L		101	75 - 125	1	20
Calcium	79		10.0	87.2		mg/L		84	75 - 125	0	20

Lab Sample ID: 752-35211-F-1-C MSD
Matrix: Water
Analysis Batch: 73158

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.25		mg/L		125	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-70309/1-A
Matrix: Water
Analysis Batch: 70648

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 70309

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/25/25 12:16	07/25/25 18:26	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/25/25 12:16	07/25/25 18:26	1
Barium	<0.00041		0.010	0.00041	mg/L		07/25/25 12:16	07/25/25 18:26	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/25/25 12:16	07/25/25 18:26	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/25/25 12:16	07/25/25 18:26	1
Chromium	<0.0037		0.0050	0.0037	mg/L		07/25/25 12:16	07/25/25 18:26	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		07/25/25 12:16	07/25/25 18:26	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/25/25 12:16	07/25/25 18:26	1
Magnesium	<0.016		0.10	0.016	mg/L		07/25/25 12:16	07/25/25 18:26	1
Manganese	0.00152	J	0.0050	0.0013	mg/L		07/25/25 12:16	07/25/25 18:26	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/25/25 12:16	07/25/25 18:26	1
Potassium	<0.044		0.10	0.044	mg/L		07/25/25 12:16	07/25/25 18:26	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/25/25 12:16	07/25/25 18:26	1
Sodium	<0.25		0.50	0.25	mg/L		07/25/25 12:16	07/25/25 18:26	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/25/25 12:16	07/25/25 18:26	1

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

Lab Sample ID: LCS 705-70309/2-A
Matrix: Water
Analysis Batch: 70648

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 70309

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0988		mg/L		99	80 - 120
Arsenic	0.100	0.0959		mg/L		96	80 - 120
Barium	0.100	0.0978		mg/L		98	80 - 120
Beryllium	0.100	0.0966		mg/L		97	80 - 120
Cadmium	0.100	0.0985		mg/L		98	80 - 120
Chromium	0.100	0.101		mg/L		101	80 - 120
Cobalt	0.100	0.101		mg/L		101	80 - 120
Lead	0.100	0.106		mg/L		106	80 - 120
Magnesium	1.00	1.04		mg/L		104	80 - 120
Manganese	0.100	0.101		mg/L		101	80 - 120
Molybdenum	0.100	0.106		mg/L		106	80 - 120
Potassium	1.00	0.996		mg/L		100	80 - 120
Selenium	0.100	0.0995		mg/L		100	80 - 120
Sodium	1.00	1.16		mg/L		116	80 - 120
Thallium	0.100	0.104		mg/L		104	80 - 120

Lab Sample ID: 705-37774-1 MS
Matrix: Water
Analysis Batch: 70648

Client Sample ID: SCH-SGWC-16
Prep Type: Total Recoverable
Prep Batch: 70309

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0985		mg/L		99	75 - 125
Arsenic	<0.0013		0.100	0.102		mg/L		102	75 - 125
Barium	0.059		0.100	0.158		mg/L		99	75 - 125
Beryllium	0.00044	J	0.100	0.103		mg/L		102	75 - 125
Cadmium	0.00042	J	0.100	0.0958		mg/L		95	75 - 125
Chromium	0.015		0.100	0.116		mg/L		101	75 - 125
Cobalt	0.0093		0.100	0.111		mg/L		102	75 - 125
Lead	0.0014		0.100	0.104		mg/L		102	75 - 125
Magnesium	1.3		1.00	2.28		mg/L		96	75 - 125
Manganese	0.049	B	0.100	0.151		mg/L		102	75 - 125
Molybdenum	0.0011	J	0.100	0.107		mg/L		106	75 - 125
Potassium	0.80		1.00	1.78		mg/L		98	75 - 125
Selenium	<0.0023		0.100	0.0941		mg/L		94	75 - 125
Sodium	45		1.00	45.3	4	mg/L		42	75 - 125
Thallium	0.00064	J	0.100	0.102		mg/L		101	75 - 125

Lab Sample ID: 705-37774-1 MSD
Matrix: Water
Analysis Batch: 70648

Client Sample ID: SCH-SGWC-16
Prep Type: Total Recoverable
Prep Batch: 70309

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0960		mg/L		96	75 - 125	3	20
Arsenic	<0.0013		0.100	0.100		mg/L		100	75 - 125	2	20
Barium	0.059		0.100	0.151		mg/L		92	75 - 125	4	20
Beryllium	0.00044	J	0.100	0.108		mg/L		107	75 - 125	5	20
Cadmium	0.00042	J	0.100	0.0967		mg/L		96	75 - 125	1	20
Chromium	0.015		0.100	0.113		mg/L		99	75 - 125	2	20
Cobalt	0.0093		0.100	0.110		mg/L		101	75 - 125	1	20

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

Lab Sample ID: 705-37774-1 MSD
Matrix: Water
Analysis Batch: 70648

Client Sample ID: SCH-SGWC-16
Prep Type: Total Recoverable
Prep Batch: 70309

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	0.0014		0.100	0.103		mg/L		102	75 - 125	0	20
Magnesium	1.3		1.00	2.22		mg/L		90	75 - 125	3	20
Manganese	0.049	B	0.100	0.146		mg/L		97	75 - 125	3	20
Molybdenum	0.0011	J	0.100	0.105		mg/L		104	75 - 125	1	20
Potassium	0.80		1.00	1.72		mg/L		93	75 - 125	3	20
Selenium	<0.0023		0.100	0.0945		mg/L		94	75 - 125	0	20
Sodium	45		1.00	45.2	4	mg/L		30	75 - 125	0	20
Thallium	0.00064	J	0.100	0.101		mg/L		100	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-72572/1-A
Matrix: Water
Analysis Batch: 72672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72572

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/05/25 09:31	08/05/25 15:04	1

Lab Sample ID: LCS 705-72572/2-A
Matrix: Water
Analysis Batch: 72672

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72572

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00405		mg/L		101	80 - 120

Lab Sample ID: 705-37774-2 MS
Matrix: Water
Analysis Batch: 72672

Client Sample ID: SCH-AP1-FD-2
Prep Type: Total/NA
Prep Batch: 72572

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00405		mg/L		101	75 - 125

Lab Sample ID: 705-37774-2 MSD
Matrix: Water
Analysis Batch: 72672

Client Sample ID: SCH-AP1-FD-2
Prep Type: Total/NA
Prep Batch: 72572

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00403		mg/L		101	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-71280/1
Matrix: Water
Analysis Batch: 71280

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	123		mg/L		98	90 - 110
Bicarbonate Alkalinity as CaCO3	125	123		mg/L		98	90 - 110

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

Lab Sample ID: 705-37757-D-16 DU
Matrix: Water
Analysis Batch: 71280

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	60			59.9		mg/L				0.6	30
Bicarbonate Alkalinity as CaCO3	60			59.9		mg/L				0.6	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-70795/1
Matrix: Water
Analysis Batch: 70795

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			07/28/25 14:15	1

Lab Sample ID: LCS 705-70795/2
Matrix: Water
Analysis Batch: 70795

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1030		mg/L		104	80 - 120		

Lab Sample ID: 705-37645-M-5 DU
Matrix: Water
Analysis Batch: 70795

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2000			2000		mg/L				1	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-37774-1
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins Atlanta

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/30/2025 3:21:47 PM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

705-38041-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



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Revision 1

Authorized for release by
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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38041-1	SCH-SGWA-2	Water	07/24/25 10:20	07/25/25 15:32	Georgia
705-38041-2	SCH-SGWA-1	Water	07/24/25 10:36	07/25/25 15:32	Georgia
705-38041-3	SCH-SGWA-4	Water	07/24/25 12:12	07/25/25 15:32	Georgia
705-38041-4	SCH-SGWC-19	Water	07/24/25 12:40	07/25/25 15:32	Georgia
705-38041-5	SCH-SGWC-20	Water	07/24/25 14:45	07/25/25 15:32	Georgia
705-38041-6	SCH-SGWA-3	Water	07/24/25 14:11	07/25/25 15:32	Georgia
705-38041-7	SCH-AP1-FD-1	Water	07/24/25 00:00	07/25/25 15:32	Georgia
705-38041-8	SCH-SGWC-18	Water	07/25/25 10:41	07/25/25 15:32	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins

Client Information	Sampler: Jake Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers
			Preservation Code:				N	N	D	D	D	D		D	D	D	N			
SCH-SGWA-2	7/24/25	10:20	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWA-1	7/24/25	10:36	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWA-4	7/24/25	12:12	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWC-19	7/24/25	12:40	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWC-20	7/24/25	14:45	G	WG			X	X	X		X	X		X	X	X	X			5
SCH-SGWA-3	7/24/25	14:11	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-AP1-FD-1	7/24/25	-	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWA-18	7/25/25	10:41	G	WG			X	X	X	X		X		X	X	X	X			5

Preservation Codes:
D - HNO3
N - N...

705-38041 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	7/25/25 1304	SP	Yolanda Lucas	7/25/25	CWW
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 07/25/25 1532	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.2/1.2 1.6/1.6

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38041-1

Login Number: 38041
List Number: 1
Creator: Hartley, Tyler

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Qualifiers

HPLC/IC

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

Metals

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

Glossary

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

Job ID: 705-38041-1 Eurofins Atlanta

Job Narrative
705-38041-1

Revision 1
The report being provided is a revision of the original report sent on 8/15/2025. The report is being revised in order to document changes requested by WSP during login review of this submittal.

Project Manager Comments
Per request by WSP during login review, Client Sample ID, SCH-SGWA-18, should be renamed as SCH-SGWC-18 and also Iron should be added to the metals reporting list.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/25/2025 3:32 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.2°C and 1.6°C.

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

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-72342 and analytical batch 705-72752 contained Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

General Chemistry
Method 2540C: A lesser volume of sample was used for the following sample due to the nature of the sample matrix resulting in elevated reporting limits: SCH-SGWC-18 (705-38041-8),

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

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWA-2 — Lab Sample ID: 705-38041-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.8		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.5		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	12		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.041		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.016		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	7.8		0.10	0.016	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0012	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	1.1	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	5.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00052	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	66		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	66		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWA-1 — Lab Sample ID: 705-38041-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.4		1.0	0.98	mg/L	1		300.0	Total/NA
Sulfate	1.3		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	2.4		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.051		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00025	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Chromium	0.0043	J	0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	1.2		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.035		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0014	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	1.0	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	3.9		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	13		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	13		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	71		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWA-4 — Lab Sample ID: 705-38041-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.1		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	20		0.10	0.038	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: SCH-SGWA-4 (Continued) — Lab Sample ID: 705-38041-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.077		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0054		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	8.3		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.8	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.9		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	210		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWC-19 — Lab Sample ID: 705-38041-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.082	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	290		10	7.7	mg/L	10		300.0	Total/NA
Boron	1.9		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	39		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.023		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00018	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Chromium	0.016		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	24		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.042		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.2	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	57		1.0	0.49	mg/L	2		6020B	Total Recoverable
Total Alkalinity as CaCO3	7.4		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	7.4		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	580		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWC-20 — Lab Sample ID: 705-38041-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.20		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	270		10	7.7	mg/L	10		300.0	Total/NA
Boron	1.5		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	19		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.021		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00055	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.10		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	21		0.10	0.016	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWC-20 (Continued) — Lab Sample ID: 705-38041-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	1.6		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	4.7	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	68		1.0	0.49	mg/L	2		6020B	Total Recoverable
Total Dissolved Solids	420		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWA-3 — Lab Sample ID: 705-38041-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.8		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.3		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	5.9		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.039		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.028		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	6.5		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.3	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.2		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	42		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	42		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	100		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-AP1-FD-1 — Lab Sample ID: 705-38041-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.095	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.93	J	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	5.8		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.041		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.028		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	6.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.4	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.2		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	41		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	41		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	86		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWC-18 — Lab Sample ID: 705-38041-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	870		20	15	mg/L	20		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: SCH-SGWC-18 (Continued)

Lab Sample ID: 705-38041-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	5.1		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	34		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0047	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.011		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00018	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.00072		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Chromium	0.011		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Cobalt	0.087		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.18		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	22		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.70		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	3.5	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.0050		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	330		5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Dissolved Solids	1300		20	20	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-SGWA-2

Lab Sample ID: 705-38041-1

Date Collected: 07/24/25 10:20

Matrix: Water

Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.8**		1.0	0.98	mg/L			07/30/25 17:13	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			07/30/25 17:13	1
Sulfate	**1.5**		1.0	0.77	mg/L			07/30/25 17:13	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 16:35	1
Calcium	**12**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 16:35	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 07:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 19:21	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 19:21	1
Barium	**0.041**		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 19:21	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 19:21	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 19:21	1
Chromium	**0.016**		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 19:21	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 19:21	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 19:21	1
Magnesium	**7.8**		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 19:21	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 19:21	1
Molybdenum	**0.0012**	**J**	0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 19:21	1
Potassium	**1.1**	**B**	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 19:21	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 19:21	1
Sodium	**5.5**		0.50	0.25	mg/L		08/04/25 16:00	08/05/25 19:21	1
Thallium	**0.00052**	**J**	0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 19:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**66**		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**66**		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**160**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-SGWA-1

Lab Sample ID: 705-38041-2

Date Collected: 07/24/25 10:36

Matrix: Water

Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.4**		1.0	0.98	mg/L			07/30/25 17:25	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 17:25	1
Sulfate	**1.3**		1.0	0.77	mg/L			07/30/25 17:25	1

Client Sample ID: SCH-SGWA-1

Lab Sample ID: 705-38041-2

Date Collected: 07/24/25 10:36

Matrix: Water

Date Received: 07/25/25 15:32

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 16:15	1
Calcium	**2.4**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 16:15	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 07:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 19:38	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 19:38	1
Barium	**0.051**		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 19:38	1
Beryllium	**0.00025**	**J**	0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 19:38	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 19:38	1
Chromium	**0.0043**	**J**	0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 19:38	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 19:38	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 19:38	1
Magnesium	**1.2**		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 19:38	1
Manganese	**0.035**		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 19:38	1
Molybdenum	**0.0014**	**J**	0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 19:38	1
Potassium	**1.0**	**B**	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 19:38	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 19:38	1
Sodium	**3.9**		0.50	0.25	mg/L		08/04/25 16:00	08/05/25 19:38	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 19:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**13**		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**13**		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**71**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-SGWA-4

Lab Sample ID: 705-38041-3

Date Collected: 07/24/25 12:12

Matrix: Water

Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.4**		1.0	0.98	mg/L			07/30/25 17:36	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			07/30/25 17:36	1
Sulfate	**1.1**		1.0	0.77	mg/L			07/30/25 17:36	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 16:38	1
Calcium	**20**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 16:38	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 07:41	1

Client Sample ID: SCH-SGWA-4

Lab Sample ID: 705-38041-3

Date Collected: 07/24/25 12:12

Matrix: Water

Date Received: 07/25/25 15:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 20:01	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:01	1
Barium	**0.077**		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 20:01	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 20:01	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 20:01	1
Chromium	**0.0054**		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 20:01	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 20:01	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 20:01	1
Magnesium	**8.3**		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 20:01	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:01	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 20:01	1
Potassium	**1.8**	**B**	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 20:01	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 20:01	1
Sodium	**8.9**		0.50	0.25	mg/L		08/04/25 16:00	08/05/25 20:01	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 20:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**210**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-SGWC-19

Lab Sample ID: 705-38041-4

Date Collected: 07/24/25 12:40

Matrix: Water

Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11**		1.0	0.98	mg/L			07/30/25 17:47	1
Fluoride	**0.082**	**J**	0.20	0.081	mg/L			07/30/25 17:47	1
Sulfate	**290**		10	7.7	mg/L			07/30/25 19:07	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.9**		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 16:47	1
Calcium	**39**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 16:47	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 07:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 20:05	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:05	1
Barium	**0.023**		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 20:05	1

Client Sample ID: SCH-SGWC-19

Lab Sample ID: 705-38041-4

Date Collected: 07/24/25 12:40

Matrix: Water

Date Received: 07/25/25 15:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	**0.00018**	**J**	0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 20:05	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 20:05	1
Chromium	**0.016**		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 20:05	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 20:05	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 20:05	1
Magnesium	**24**		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 20:05	1
Manganese	**0.042**		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:05	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 20:05	1
Potassium	**2.2**	**B**	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 20:05	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 20:05	1
Sodium	**57**		1.0	0.49	mg/L		08/04/25 16:00	08/14/25 15:30	2
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 20:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**7.4**		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**7.4**		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**580**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-SGWC-20

Lab Sample ID: 705-38041-5

Date Collected: 07/24/25 14:45

Matrix: Water

Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.0**		1.0	0.98	mg/L			07/30/25 18:33	1
Fluoride	**0.20**		0.20	0.081	mg/L			07/30/25 18:33	1
Sulfate	**270**		10	7.7	mg/L			07/31/25 12:53	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.5**		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 18:59	1
Calcium	**19**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 18:59	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 11:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 20:08	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:08	1
Barium	**0.021**		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 20:08	1
Beryllium	**0.00055**	**J**	0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 20:08	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 20:08	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 20:08	1

Client Sample ID: SCH-SGWC-20

Lab Sample ID: 705-38041-5

Date Collected: 07/24/25 14:45

Matrix: Water

Date Received: 07/25/25 15:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.10**		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 20:08	1
Iron	<0.018		0.10	0.018	mg/L		08/04/25 16:00	08/05/25 20:08	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 20:08	1
Magnesium	**21**		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 20:08	1
Manganese	**1.6**		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:08	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 20:08	1
Potassium	**4.7**	**B**	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 20:08	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 20:08	1
Sodium	**68**		1.0	0.49	mg/L		08/04/25 16:00	08/14/25 15:33	2
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 20:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**420**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-SGWA-3

Lab Sample ID: 705-38041-6

Date Collected: 07/24/25 14:11

Matrix: Water

Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.8**		1.0	0.98	mg/L			07/30/25 18:44	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			07/30/25 18:44	1
Sulfate	**1.3**		1.0	0.77	mg/L			07/30/25 18:44	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 19:02	1
Calcium	**5.9**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 19:02	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 11:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 20:11	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:11	1
Barium	**0.039**		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 20:11	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 20:11	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 20:11	1
Chromium	**0.028**		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 20:11	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 20:11	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 20:11	1

Client Sample ID: SCH-SGWA-3

Lab Sample ID: 705-38041-6

Date Collected: 07/24/25 14:11

Matrix: Water

Date Received: 07/25/25 15:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	**6.5**		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 20:11	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:11	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 20:11	1
Potassium	**1.3**	**B**	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 20:11	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 20:11	1
Sodium	**4.2**		0.50	0.25	mg/L		08/04/25 16:00	08/05/25 20:11	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 20:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**42**		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**42**		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**100**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-AP1-FD-1

Lab Sample ID: 705-38041-7

Date Collected: 07/24/25 00:00

Matrix: Water

Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.2**		1.0	0.98	mg/L			07/30/25 21:59	1
Fluoride	**0.095**	**J**	0.20	0.081	mg/L			07/30/25 21:59	1
Sulfate	**0.93**	**J**	1.0	0.77	mg/L			07/30/25 21:59	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 19:05	1
Calcium	**5.8**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 19:05	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 11:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 20:15	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:15	1
Barium	**0.041**		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 20:15	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 20:15	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 20:15	1
Chromium	**0.028**		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 20:15	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 20:15	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 20:15	1
Magnesium	**6.1**		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 20:15	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:15	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 20:15	1

Client Sample ID: SCH-AP1-FD-1

Lab Sample ID: 705-38041-7

Date Collected: 07/24/25 00:00

Matrix: Water

Date Received: 07/25/25 15:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1.4	B	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 20:15	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 20:15	1
Sodium	4.2		0.50	0.25	mg/L		08/04/25 16:00	08/05/25 20:15	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 20:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	41		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	41		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	86		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-SGWC-18

Lab Sample ID: 705-38041-8

Date Collected: 07/25/25 10:41

Matrix: Water

Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.2		1.0	0.98	mg/L			07/30/25 22:10	1
Fluoride	0.13	J	0.20	0.081	mg/L			07/30/25 22:10	1
Sulfate	870		20	15	mg/L			07/31/25 13:04	20

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	5.1		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 19:08	1
Calcium	34		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 19:08	1
Lithium	0.0047	J	0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 11:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 20:18	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:18	1
Barium	0.011		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 20:18	1
Beryllium	0.00018	J	0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 20:18	1
Cadmium	0.00072		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 20:18	1
Chromium	0.011		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 20:18	1
Cobalt	0.087		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 20:18	1
Iron	0.18		0.10	0.018	mg/L		08/04/25 16:00	08/05/25 20:18	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 20:18	1
Magnesium	22		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 20:18	1
Manganese	0.70		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:18	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 20:18	1
Potassium	3.5	B	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 20:18	1
Selenium	0.0050		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 20:18	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWC-18

Date Collected: 07/25/25 10:41
Date Received: 07/25/25 15:32

Lab Sample ID: 705-38041-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**330**		5.0	2.5	mg/L		08/04/25 16:00	08/14/25 15:52	10
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 20:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**1300**		20	20	mg/L			07/30/25 12:45	1

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWA-2

Lab Sample ID: 705-38041-1

Date Collected: 07/24/25 10:20

Matrix: Water

Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 17:13
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 16:35
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73080	DS	EET ATL	08/07/25 07:39
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 19:21
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 12:46
Total/NA	Analysis	2320B-2011		1	71936	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-SGWA-1

Lab Sample ID: 705-38041-2

Date Collected: 07/24/25 10:36

Matrix: Water

Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 17:25
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 16:15
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73080	DS	EET ATL	08/07/25 07:29
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 19:38
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 12:50
Total/NA	Analysis	2320B-2011		1	71939	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-SGWA-4

Lab Sample ID: 705-38041-3

Date Collected: 07/24/25 12:12

Matrix: Water

Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 17:36
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 16:38
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73080	DS	EET ATL	08/07/25 07:41
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 20:01
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:02
Total/NA	Analysis	2320B-2011		1	71936	AH	EET ATL	08/01/25 13:05

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWA-4

Lab Sample ID: 705-38041-3

Date Collected: 07/24/25 12:12

Matrix: Water

Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-SGWC-19

Lab Sample ID: 705-38041-4

Date Collected: 07/24/25 12:40

Matrix: Water

Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 17:47
Total/NA	Analysis	300.0		10	71283	MS	EET ATL	07/30/25 19:07
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 16:47
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73080	DS	EET ATL	08/07/25 07:43
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 20:05
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		2	75029	IF	EET ATL	08/14/25 15:30
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:05
Total/NA	Analysis	2320B-2011		1	71939	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-SGWC-20

Lab Sample ID: 705-38041-5

Date Collected: 07/24/25 14:45

Matrix: Water

Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 18:33
Total/NA	Analysis	300.0		10	71583	MS	EET ATL	07/31/25 12:53
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73073	DS	EET ATL	08/06/25 18:59
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73510	DS	EET ATL	08/07/25 11:26
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 20:08
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		2	75029	IF	EET ATL	08/14/25 15:33
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:09
Total/NA	Analysis	2320B-2011		1	71939	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWA-3

Lab Sample ID: 705-38041-6

Date Collected: 07/24/25 14:11
Date Received: 07/25/25 15:32

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 18:44
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73073	DS	EET ATL	08/06/25 19:02
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73510	DS	EET ATL	08/07/25 11:28
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 20:11
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:13
Total/NA	Analysis	2320B-2011		1	71936	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-AP1-FD-1

Lab Sample ID: 705-38041-7

Date Collected: 07/24/25 00:00
Date Received: 07/25/25 15:32

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 21:59
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73073	DS	EET ATL	08/06/25 19:05
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73510	DS	EET ATL	08/07/25 11:30
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 20:15
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:17
Total/NA	Analysis	2320B-2011		1	71936	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-SGWC-18

Lab Sample ID: 705-38041-8

Date Collected: 07/25/25 10:41
Date Received: 07/25/25 15:32

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 22:10
Total/NA	Analysis	300.0		20	71583	MS	EET ATL	07/31/25 13:04
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73073	DS	EET ATL	08/06/25 19:08
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73510	DS	EET ATL	08/07/25 11:32
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 20:18
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		10	75029	IF	EET ATL	08/14/25 15:52

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWC-18

Date Collected: 07/25/25 10:41
Date Received: 07/25/25 15:32

Lab Sample ID: 705-38041-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:21
Total/NA	Analysis	2320B-2011		1	71939	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-71283/1002
Matrix: Water
Analysis Batch: 71283

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 12:14	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 12:14	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 12:14	1

Lab Sample ID: MB 705-71283/141
Matrix: Water
Analysis Batch: 71283

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 19:19	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 19:19	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 19:19	1

Lab Sample ID: LCS 705-71283/1001
Matrix: Water
Analysis Batch: 71283

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.7		mg/L		107	90 - 110
Fluoride	5.00	5.26		mg/L		105	90 - 110
Sulfate	25.0	27.4		mg/L		110	90 - 110

Lab Sample ID: LCS 705-71283/142
Matrix: Water
Analysis Batch: 71283

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.4		mg/L		104	90 - 110
Fluoride	5.00	5.20		mg/L		104	90 - 110
Sulfate	25.0	26.5		mg/L		106	90 - 110

Lab Sample ID: 705-38046-C-6 MS
Matrix: Water
Analysis Batch: 71283

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.4		10.0	12.4		mg/L		101	90 - 110
Fluoride	0.11	J	5.00	5.28		mg/L		103	90 - 110
Sulfate	0.93	J	25.0	27.7		mg/L		107	90 - 110

Lab Sample ID: 705-38046-C-6 MSD
Matrix: Water
Analysis Batch: 71283

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.4		10.0	12.5		mg/L		101	90 - 110	0	20
Fluoride	0.11	J	5.00	5.39		mg/L		106	90 - 110	2	20
Sulfate	0.93	J	25.0	28.0		mg/L		108	90 - 110	1	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-38283-E-1 MS
Matrix: Water
Analysis Batch: 71283

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.2		10.0	15.2		mg/L		100	90 - 110
Fluoride	0.13	J	5.00	5.11		mg/L		100	90 - 110
Sulfate	3.8		25.0	30.2		mg/L		106	90 - 110

Lab Sample ID: 705-38283-E-1 MSD
Matrix: Water
Analysis Batch: 71283

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.2		10.0	15.1		mg/L		99	90 - 110	0	20
Fluoride	0.13	J	5.00	5.13		mg/L		100	90 - 110	0	20
Sulfate	3.8		25.0	29.4		mg/L		103	90 - 110	3	20

Lab Sample ID: MB 705-71583/3
Matrix: Water
Analysis Batch: 71583

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/31/25 11:02	1
Fluoride	<0.081		0.20	0.081	mg/L			07/31/25 11:02	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 11:02	1

Lab Sample ID: LCS 705-71583/4
Matrix: Water
Analysis Batch: 71583

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	5.00	4.86		mg/L		97	90 - 110
Sulfate	25.0	26.3		mg/L		105	90 - 110

Lab Sample ID: 705-38347-A-1 MS
Matrix: Water
Analysis Batch: 71583

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.4		10.0	12.1		mg/L		98	90 - 110
Fluoride	0.089	J	5.00	4.62		mg/L		91	90 - 110
Sulfate	1.1		25.0	26.1		mg/L		100	90 - 110

Lab Sample ID: 705-38347-A-1 MSD
Matrix: Water
Analysis Batch: 71583

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.4		10.0	12.7		mg/L		103	90 - 110	5	20
Fluoride	0.089	J	5.00	4.87		mg/L		96	90 - 110	5	20
Sulfate	1.1		25.0	26.6		mg/L		102	90 - 110	2	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-72767/1-A
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 15:48	1
Calcium	<0.038		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 15:48	1

Lab Sample ID: MB 705-72767/1-A
Matrix: Water
Analysis Batch: 73080

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 07:22	1

Lab Sample ID: LCS 705-72767/2-A
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.00		mg/L		100	80 - 120
Calcium	10.0	10.2		mg/L		102	80 - 120

Lab Sample ID: LCS 705-72767/2-A
Matrix: Water
Analysis Batch: 73080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.07		mg/L		107	80 - 120

Lab Sample ID: 705-38041-2 MS
Matrix: Water
Analysis Batch: 73071

Client Sample ID: SCH-SGWA-1
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.01		mg/L		101	75 - 125
Calcium	2.4		10.0	12.7		mg/L		103	75 - 125

Lab Sample ID: 705-38041-2 MS
Matrix: Water
Analysis Batch: 73080

Client Sample ID: SCH-SGWA-1
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037		1.00	1.10		mg/L		110	75 - 125

Lab Sample ID: 705-38041-2 MSD
Matrix: Water
Analysis Batch: 73071

Client Sample ID: SCH-SGWA-1
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.998		mg/L		100	75 - 125	1	20
Calcium	2.4		10.0	12.5		mg/L		101	75 - 125	2	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-38041-2 MSD
Matrix: Water
Analysis Batch: 73080

Client Sample ID: SCH-SGWA-1
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.09		mg/L		109	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-72342/1-A
Matrix: Water
Analysis Batch: 72752

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 72342

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 19:14	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 19:14	1
Barium	<0.00041		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 19:14	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 19:14	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 19:14	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 19:14	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 19:14	1
Iron	<0.018		0.10	0.018	mg/L		08/04/25 16:00	08/05/25 19:14	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 19:14	1
Magnesium	<0.016		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 19:14	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 19:14	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 19:14	1
Potassium	0.0442	J	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 19:14	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 19:14	1
Sodium	<0.25		0.50	0.25	mg/L		08/04/25 16:00	08/05/25 19:14	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 19:14	1

Lab Sample ID: LCS 705-72342/2-A
Matrix: Water
Analysis Batch: 72752

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 72342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0994		mg/L		99	80 - 120
Arsenic	0.100	0.107		mg/L		107	80 - 120
Barium	0.100	0.0981		mg/L		98	80 - 120
Beryllium	0.100	0.0993		mg/L		99	80 - 120
Cadmium	0.100	0.103		mg/L		103	80 - 120
Chromium	0.100	0.110		mg/L		110	80 - 120
Cobalt	0.100	0.112		mg/L		112	80 - 120
Iron	1.00	1.09		mg/L		109	80 - 120
Lead	0.100	0.0985		mg/L		98	80 - 120
Magnesium	1.00	1.13		mg/L		113	80 - 120
Manganese	0.100	0.106		mg/L		106	80 - 120
Molybdenum	0.100	0.0973		mg/L		97	80 - 120
Potassium	1.00	1.13		mg/L		113	80 - 120
Selenium	0.100	0.102		mg/L		102	80 - 120
Sodium	1.00	1.14		mg/L		114	80 - 120
Thallium	0.100	0.0915		mg/L		91	80 - 120

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

Lab Sample ID: 705-38041-1 MS
Matrix: Water
Analysis Batch: 72752

Client Sample ID: SCH-SGWA-2
Prep Type: Total Recoverable
Prep Batch: 72342

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.101		mg/L		101	75 - 125
Arsenic	<0.0013		0.100	0.106		mg/L		106	75 - 125
Barium	0.041		0.100	0.140		mg/L		99	75 - 125
Beryllium	<0.00015		0.100	0.101		mg/L		101	75 - 125
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125
Chromium	0.016		0.100	0.128		mg/L		111	75 - 125
Cobalt	<0.00041		0.100	0.113		mg/L		113	75 - 125
Iron	<0.018		1.00	1.11		mg/L		111	75 - 125
Lead	<0.00086		0.100	0.0991		mg/L		99	75 - 125
Magnesium	7.8		1.00	8.90	4	mg/L		115	75 - 125
Manganese	<0.0013		0.100	0.107		mg/L		107	75 - 125
Molybdenum	0.0012	J	0.100	0.0951		mg/L		94	75 - 125
Potassium	1.1	B	1.00	2.19		mg/L		106	75 - 125
Selenium	<0.0023		0.100	0.103		mg/L		103	75 - 125
Sodium	5.5		1.00	6.46	4	mg/L		94	75 - 125
Thallium	0.00052	J	0.100	0.0939		mg/L		93	75 - 125

Lab Sample ID: 705-38041-1 MSD
Matrix: Water
Analysis Batch: 72752

Client Sample ID: SCH-SGWA-2
Prep Type: Total Recoverable
Prep Batch: 72342

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.101		mg/L		101	75 - 125	1	20
Arsenic	<0.0013		0.100	0.105		mg/L		105	75 - 125	1	20
Barium	0.041		0.100	0.144		mg/L		103	75 - 125	3	20
Beryllium	<0.00015		0.100	0.0984		mg/L		98	75 - 125	3	20
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125	0	20
Chromium	0.016		0.100	0.127		mg/L		111	75 - 125	0	20
Cobalt	<0.00041		0.100	0.115		mg/L		115	75 - 125	2	20
Iron	<0.018		1.00	1.07		mg/L		107	75 - 125	4	20
Lead	<0.00086		0.100	0.0998		mg/L		100	75 - 125	1	20
Magnesium	7.8		1.00	8.95	4	mg/L		119	75 - 125	0	20
Manganese	<0.0013		0.100	0.106		mg/L		106	75 - 125	0	20
Molybdenum	0.0012	J	0.100	0.0957		mg/L		95	75 - 125	1	20
Potassium	1.1	B	1.00	2.17		mg/L		104	75 - 125	1	20
Selenium	<0.0023		0.100	0.105		mg/L		105	75 - 125	2	20
Sodium	5.5		1.00	6.47	4	mg/L		96	75 - 125	0	20
Thallium	0.00052	J	0.100	0.0944		mg/L		94	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-73904/1-A
Matrix: Water
Analysis Batch: 74022

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73904

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 12:15	1

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

Lab Sample ID: LCS 705-73904/2-A
Matrix: Water
Analysis Batch: 74022

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73904

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00551		mg/L		110	80 - 120

Lab Sample ID: 705-38021-C-1-E MS
Matrix: Water
Analysis Batch: 74022

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 73904

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00500	0.00549		mg/L		110	75 - 125

Lab Sample ID: 705-38021-C-1-F MSD
Matrix: Water
Analysis Batch: 74022

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 73904

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00500	0.00554		mg/L		111	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-71936/1
Matrix: Water
Analysis Batch: 71936

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	124		mg/L		99	90 - 110
Bicarbonate Alkalinity as CaCO3	125	124		mg/L		99	90 - 110

Lab Sample ID: 705-38041-1 DU
Matrix: Water
Analysis Batch: 71936

Client Sample ID: SCH-SGWA-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	66		65.8		mg/L		0.1	30
Bicarbonate Alkalinity as CaCO3	66		65.8		mg/L		0.1	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-71310/1
Matrix: Water
Analysis Batch: 71310

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			07/30/25 12:45	1

Lab Sample ID: LCS 705-71310/2
Matrix: Water
Analysis Batch: 71310

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	1030		mg/L		103	80 - 120

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: 705-38041-8 DU
Matrix: Water
Analysis Batch: 71310

Client Sample ID: SCH-SGWC-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1300			1320		mg/L				0.5	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38041-1
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins Atlanta

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/15/2025 7:30:12 AM

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

705-38147-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

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

Authorization



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Authorized for release by
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Sample Summary

Client: Southern Company
Job ID: 705-38147-1
Project/Site: CCR - Plant Scherer Ash Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38147-1	SCH-SGWC-23	Water	07/28/25 15:25	07/29/25 11:05	Georgia
705-38147-2	SCH-SGWC-22	Water	07/28/25 14:00	07/29/25 11:05	Georgia
705-38147-3	SCH-AP1-EB-1	Water	07/28/25 14:10	07/29/25 11:05	Georgia
705-38147-4	SCH-SGWA-24	Water	07/28/25 14:04	07/29/25 11:05	Georgia
705-38147-5	SCH-SGWC-21	Water	07/28/25 12:25	07/29/25 11:05	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: J. Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-38147 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers	
			Preservation Code:				N	N	D	D	D	D		D	D	D	N				
SCH-SGWC-23	7/28/25	1525	G	WG			X	X	X	X		X		X	X	X	X			5	
SCH-SGWC-22	7/28/25	1400	G	WG			X	X	X	X		X		X	X	X	X			5	
SCH-AP1-EB-1	7/28/25	1410	G	WQ			X	X	X	X		X		X	X	X	X			5	
SCH-SGWA-24	7/28/25	1404	G	WG			X	X	X	X		X		X	X	X	X			7	EXTRA RAD
SCH-SGWC-21	7/28/25	1225	G	WG			X	X	X	X		X		X	X	X	X			5	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	7/29/25 0825	WSP	MIKE GEMMILL	7/29/25 0825	Courier Now
2	MIKE GEMMILL	7/29/25 1100	Courier Now	[signature]	7.29.25 1105	
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.: # 2665 1.0 1.3 2.5 2.0

Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38147-1

Login Number: 38147

List Source: Eurofins Atlanta

List Number: 1

Creator: Torres, Dominique

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-38147-1
Project/Site: CCR - Plant Scherer Ash Pond

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
705-38147-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/29/2025 11:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.0°C, 1.3°C, 2.0°C and 2.5°C.

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

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-72507 and analytical batch 705-73134 contained Manganese above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

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

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38147-1

Client Sample ID: SCH-SGWC-23 — Lab Sample ID: 705-38147-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.19	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	36		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.28		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	17		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.052		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	8.5		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.2		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	16		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	59		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	59		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	170		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWC-22 — Lab Sample ID: 705-38147-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.3		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.082	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	71		5.0	3.8	mg/L	5		300.0	Total/NA
Boron	0.41		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	23		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.064		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00048	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	10		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.077	B	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.2		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	17		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	46		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	46		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	210		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-AP1-EB-1 — Lab Sample ID: 705-38147-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.084	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.045	J	0.10	0.038	mg/L	1		6010D	Total/NA
Magnesium	0.024	J	0.10	0.016	mg/L	1		6020B	Total Recoverable

Client Sample ID: SCH-SGWA-24 — Lab Sample ID: 705-38147-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.15	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	18		0.10	0.038	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: SCH-SGWA-24 (Continued)

Lab Sample ID: 705-38147-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.029		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0053		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	8.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.017	B	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	0.93		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.8		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	84		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	84		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	150		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWC-21

Lab Sample ID: 705-38147-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.3		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	120		10	7.7	mg/L	10		300.0	Total/NA
Boron	1.3		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	45		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.12		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	16		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.066	B	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	1.7		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	69		50	25	mg/L	100		6020B	Total Recoverable
Total Alkalinity as CaCO3	190		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	190		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	420		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-SGWC-23

Lab Sample ID: 705-38147-1

Date Collected: 07/28/25 15:25

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.9**		1.0	0.98	mg/L			07/30/25 22:33	1
Fluoride	**0.19**	**J**	0.20	0.081	mg/L			07/30/25 22:33	1
Sulfate	**36**		1.0	0.77	mg/L			07/30/25 22:33	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.28**		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:40	1
Calcium	**17**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:40	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 08:54	08/12/25 10:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 11:21	08/06/25 20:12	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 20:12	1
Barium	**0.052**		0.010	0.00041	mg/L		08/05/25 11:21	08/06/25 20:12	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 11:21	08/06/25 20:12	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 11:21	08/06/25 20:12	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/05/25 11:21	08/06/25 20:12	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 11:21	08/06/25 20:12	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 11:21	08/06/25 20:12	1
Magnesium	**8.5**		0.10	0.016	mg/L		08/05/25 11:21	08/06/25 20:12	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 20:12	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/05/25 11:21	08/06/25 20:12	1
Potassium	**1.2**		0.10	0.044	mg/L		08/05/25 11:21	08/06/25 20:12	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 11:21	08/06/25 20:12	1
Sodium	**16**		0.50	0.25	mg/L		08/05/25 11:21	08/06/25 20:12	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 11:21	08/06/25 20:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 17:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**59**		3.0	3.0	mg/L			08/06/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**59**		3.0	3.0	mg/L			08/06/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**170**		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-SGWC-22

Lab Sample ID: 705-38147-2

Date Collected: 07/28/25 14:00

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.3**		1.0	0.98	mg/L			07/30/25 22:45	1
Fluoride	**0.082**	**J**	0.20	0.081	mg/L			07/30/25 22:45	1
Sulfate	**71**		5.0	3.8	mg/L			07/31/25 13:50	5

Client Sample ID: SCH-SGWC-22

Lab Sample ID: 705-38147-2

Date Collected: 07/28/25 14:00

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.41**		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:43	1
Calcium	**23**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:43	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 08:54	08/12/25 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 11:21	08/06/25 20:23	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 20:23	1
Barium	**0.064**		0.010	0.00041	mg/L		08/05/25 11:21	08/06/25 20:23	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 11:21	08/06/25 20:23	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 11:21	08/06/25 20:23	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/05/25 11:21	08/06/25 20:23	1
Cobalt	**0.00048**	**J**	0.0050	0.00041	mg/L		08/05/25 11:21	08/06/25 20:23	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 11:21	08/06/25 20:23	1
Magnesium	**10**		0.10	0.016	mg/L		08/05/25 11:21	08/06/25 20:23	1
Manganese	**0.077**	**B**	0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 20:23	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/05/25 11:21	08/06/25 20:23	1
Potassium	**2.2**		0.10	0.044	mg/L		08/05/25 11:21	08/06/25 20:23	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 11:21	08/06/25 20:23	1
Sodium	**17**		0.50	0.25	mg/L		08/05/25 11:21	08/06/25 20:23	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 11:21	08/06/25 20:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 17:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**46**		3.0	3.0	mg/L			08/06/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**46**		3.0	3.0	mg/L			08/06/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**210**		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-AP1-EB-1

Lab Sample ID: 705-38147-3

Date Collected: 07/28/25 14:10

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 23:30	1
Fluoride	**0.084**	**J**	0.20	0.081	mg/L			07/30/25 23:30	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 23:30	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:46	1
Calcium	**0.045**	**J**	0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:46	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 08:54	08/12/25 11:00	1

Client Sample ID: SCH-AP1-EB-1
Lab Sample ID: 705-38147-3

Date Collected: 07/28/25 14:10
Matrix: Water
Date Received: 07/29/25 11:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 11:21	08/06/25 20:26	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 20:26	1
Barium	<0.00041		0.010	0.00041	mg/L		08/05/25 11:21	08/06/25 20:26	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 11:21	08/06/25 20:26	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 11:21	08/06/25 20:26	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/05/25 11:21	08/06/25 20:26	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 11:21	08/06/25 20:26	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 11:21	08/06/25 20:26	1
Magnesium	**0.024**	**J**	0.10	0.016	mg/L		08/05/25 11:21	08/06/25 20:26	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 20:26	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/05/25 11:21	08/06/25 20:26	1
Potassium	<0.044		0.10	0.044	mg/L		08/05/25 11:21	08/06/25 20:26	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 11:21	08/06/25 20:26	1
Sodium	<0.25		0.50	0.25	mg/L		08/05/25 11:21	08/06/25 20:26	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 11:21	08/06/25 20:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 20:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-SGWA-24
Lab Sample ID: 705-38147-4

Date Collected: 07/28/25 14:04
Matrix: Water
Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.6**		1.0	0.98	mg/L			07/30/25 23:42	1
Fluoride	**0.15**	**J**	0.20	0.081	mg/L			07/30/25 23:42	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 23:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:49	1
Calcium	**18**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:49	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 08:54	08/12/25 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 11:21	08/06/25 20:29	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 20:29	1
Barium	**0.029**		0.010	0.00041	mg/L		08/05/25 11:21	08/06/25 20:29	1

Client Sample ID: SCH-SGWA-24
Lab Sample ID: 705-38147-4

Date Collected: 07/28/25 14:04
Matrix: Water
Date Received: 07/29/25 11:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 11:21	08/06/25 20:29	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 11:21	08/06/25 20:29	1
Chromium	**0.0053**		0.0050	0.0037	mg/L		08/05/25 11:21	08/06/25 20:29	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 11:21	08/06/25 20:29	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 11:21	08/06/25 20:29	1
Magnesium	**8.1**		0.10	0.016	mg/L		08/05/25 11:21	08/06/25 20:29	1
Manganese	**0.017**	**B**	0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 20:29	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/05/25 11:21	08/06/25 20:29	1
Potassium	**0.93**		0.10	0.044	mg/L		08/05/25 11:21	08/06/25 20:29	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 11:21	08/06/25 20:29	1
Sodium	**6.8**		0.50	0.25	mg/L		08/05/25 11:21	08/06/25 20:29	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 11:21	08/06/25 20:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 17:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**84**		3.0	3.0	mg/L			08/06/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**84**		3.0	3.0	mg/L			08/06/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**150**		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-SGWC-21
Lab Sample ID: 705-38147-5

Date Collected: 07/28/25 12:25
Matrix: Water
Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.3**		1.0	0.98	mg/L			07/30/25 23:53	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			07/30/25 23:53	1
Sulfate	**120**		10	7.7	mg/L			07/31/25 14:01	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.3**		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:52	1
Calcium	**45**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:52	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 08:54	08/12/25 11:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 11:21	08/06/25 20:47	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 20:47	1
Barium	**0.12**		0.010	0.00041	mg/L		08/05/25 11:21	08/06/25 20:47	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 11:21	08/06/25 20:47	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 11:21	08/06/25 20:47	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/05/25 11:21	08/06/25 20:47	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38147-1

Client Sample ID: SCH-SGWC-21

Date Collected: 07/28/25 12:25
Date Received: 07/29/25 11:05

Lab Sample ID: 705-38147-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 11:21	08/06/25 20:47	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 11:21	08/06/25 20:47	1
Magnesium	**16**		0.10	0.016	mg/L		08/05/25 11:21	08/06/25 20:47	1
Manganese	**0.066**	**B**	0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 20:47	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/05/25 11:21	08/06/25 20:47	1
Potassium	**1.7**		0.10	0.044	mg/L		08/05/25 11:21	08/06/25 20:47	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 11:21	08/06/25 20:47	1
Sodium	**69**		50	25	mg/L		08/05/25 11:21	08/14/25 16:01	100
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 11:21	08/06/25 20:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 18:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**190**		3.0	3.0	mg/L			08/06/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**190**		3.0	3.0	mg/L			08/06/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**420**		10	10	mg/L			08/01/25 14:45	1

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38147-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38147-1

Client Sample ID: SCH-SGWC-23

Lab Sample ID: 705-38147-1

Date Collected: 07/28/25 15:25
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 22:33
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	74227	DAB	EET ATL	08/12/25 10:55
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:40
Total Recoverable	Prep	3005A			72507	TR	EET ATL	08/05/25 11:21
Total Recoverable	Analysis	6020B		1	73134	IF	EET ATL	08/06/25 20:12
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 17:38
Total/NA	Analysis	2320B-2011		1	72921	AH	EET ATL	08/06/25 13:05
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Client Sample ID: SCH-SGWC-22

Lab Sample ID: 705-38147-2

Date Collected: 07/28/25 14:00
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 22:45
Total/NA	Analysis	300.0		5	71583	MS	EET ATL	07/31/25 13:50
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	74227	DAB	EET ATL	08/12/25 10:58
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:43
Total Recoverable	Prep	3005A			72507	TR	EET ATL	08/05/25 11:21
Total Recoverable	Analysis	6020B		1	73134	IF	EET ATL	08/06/25 20:23
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 17:42
Total/NA	Analysis	2320B-2011		1	72921	AH	EET ATL	08/06/25 13:05
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Client Sample ID: SCH-AP1-EB-1

Lab Sample ID: 705-38147-3

Date Collected: 07/28/25 14:10
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 23:30
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	74227	DAB	EET ATL	08/12/25 11:00
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:46
Total Recoverable	Prep	3005A			72507	TR	EET ATL	08/05/25 11:21
Total Recoverable	Analysis	6020B		1	73134	IF	EET ATL	08/06/25 20:26
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 20:02

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38147-1

Client Sample ID: SCH-AP1-EB-1

Lab Sample ID: 705-38147-3

Date Collected: 07/28/25 14:10
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2320B-2011		1	73086	AH	EET ATL	08/06/25 13:05
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Client Sample ID: SCH-SGWA-24

Lab Sample ID: 705-38147-4

Date Collected: 07/28/25 14:04
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 23:42
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	74227	DAB	EET ATL	08/12/25 11:03
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:49
Total Recoverable	Prep	3005A			72507	TR	EET ATL	08/05/25 11:21
Total Recoverable	Analysis	6020B		1	73134	IF	EET ATL	08/06/25 20:29
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 17:57
Total/NA	Analysis	2320B-2011		1	72921	AH	EET ATL	08/06/25 13:05
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Client Sample ID: SCH-SGWC-21

Lab Sample ID: 705-38147-5

Date Collected: 07/28/25 12:25
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 23:53
Total/NA	Analysis	300.0		10	71583	MS	EET ATL	07/31/25 14:01
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	74227	DAB	EET ATL	08/12/25 11:06
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:52
Total Recoverable	Prep	3005A			72507	TR	EET ATL	08/05/25 11:21
Total Recoverable	Analysis	6020B		1	73134	IF	EET ATL	08/06/25 20:47
Total Recoverable	Prep	3005A			72507	TR	EET ATL	08/05/25 11:21
Total Recoverable	Analysis	6020B		100	75029	IF	EET ATL	08/14/25 16:01
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 18:01
Total/NA	Analysis	2320B-2011		1	72921	AH	EET ATL	08/06/25 13:05
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-71283/141
Matrix: Water
Analysis Batch: 71283

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 19:19	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 19:19	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 19:19	1

Lab Sample ID: LCS 705-71283/142
Matrix: Water
Analysis Batch: 71283

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.4		mg/L		104	90 - 110
Fluoride	5.00	5.20		mg/L		104	90 - 110
Sulfate	25.0	26.5		mg/L		106	90 - 110

Lab Sample ID: 705-38283-E-1 MS
Matrix: Water
Analysis Batch: 71283

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.2		10.0	15.2		mg/L		100	90 - 110
Fluoride	0.13	J	5.00	5.11		mg/L		100	90 - 110
Sulfate	3.8		25.0	30.2		mg/L		106	90 - 110

Lab Sample ID: 705-38283-E-1 MSD
Matrix: Water
Analysis Batch: 71283

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.2		10.0	15.1		mg/L		99	90 - 110	0	20
Fluoride	0.13	J	5.00	5.13		mg/L		100	90 - 110	0	20
Sulfate	3.8		25.0	29.4		mg/L		103	90 - 110	3	20

Lab Sample ID: MB 705-71583/3
Matrix: Water
Analysis Batch: 71583

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/31/25 11:02	1
Fluoride	<0.081		0.20	0.081	mg/L			07/31/25 11:02	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 11:02	1

Lab Sample ID: LCS 705-71583/4
Matrix: Water
Analysis Batch: 71583

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	5.00	4.86		mg/L		97	90 - 110
Sulfate	25.0	26.3		mg/L		105	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-38347-A-1 MS
Matrix: Water
Analysis Batch: 71583

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.4		10.0	12.1		mg/L		98	90 - 110
Fluoride	0.089	J	5.00	4.62		mg/L		91	90 - 110
Sulfate	1.1		25.0	26.1		mg/L		100	90 - 110

Lab Sample ID: 705-38347-A-1 MSD
Matrix: Water
Analysis Batch: 71583

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.4		10.0	12.7		mg/L		103	90 - 110	5	20
Fluoride	0.089	J	5.00	4.87		mg/L		96	90 - 110	5	20
Sulfate	1.1		25.0	26.6		mg/L		102	90 - 110	2	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-72984/1-A
Matrix: Water
Analysis Batch: 73367

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72984

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 17:30	1
Calcium	<0.038		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 17:30	1

Lab Sample ID: MB 705-72984/1-A
Matrix: Water
Analysis Batch: 74227

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72984

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 08:54	08/12/25 10:30	1

Lab Sample ID: LCS 705-72984/2-A
Matrix: Water
Analysis Batch: 73367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72984

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.949		mg/L		95	80 - 120
Calcium	10.0	9.62		mg/L		96	80 - 120

Lab Sample ID: LCS 705-72984/2-A
Matrix: Water
Analysis Batch: 74227

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72984

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.09		mg/L		109	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-38144-B-1-C MS
Matrix: Water
Analysis Batch: 73367

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72984

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.94		1.00	1.91		mg/L		97	75 - 125
Calcium	19		10.0	29.0		mg/L		99	75 - 125

Lab Sample ID: 705-38144-B-1-C MS
Matrix: Water
Analysis Batch: 74227

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72984

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0046	J F1	1.00	1.39	F1	mg/L		139	75 - 125

Lab Sample ID: 705-38144-B-1-D MSD
Matrix: Water
Analysis Batch: 73367

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72984

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.94		1.00	2.03		mg/L		109	75 - 125	6	20
Calcium	19		10.0	30.7		mg/L		116	75 - 125	6	20

Lab Sample ID: 705-38144-B-1-D MSD
Matrix: Water
Analysis Batch: 74227

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72984

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.0046	J F1	1.00	1.42	F1	mg/L		141	75 - 125	2	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-72507/1-A
Matrix: Water
Analysis Batch: 73134

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 72507

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 11:21	08/06/25 20:07	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 20:07	1
Barium	<0.00041		0.010	0.00041	mg/L		08/05/25 11:21	08/06/25 20:07	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 11:21	08/06/25 20:07	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 11:21	08/06/25 20:07	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/05/25 11:21	08/06/25 20:07	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 11:21	08/06/25 20:07	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 11:21	08/06/25 20:07	1
Magnesium	<0.016		0.10	0.016	mg/L		08/05/25 11:21	08/06/25 20:07	1
Manganese	0.00131	J	0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 20:07	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/05/25 11:21	08/06/25 20:07	1
Potassium	<0.044		0.10	0.044	mg/L		08/05/25 11:21	08/06/25 20:07	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 11:21	08/06/25 20:07	1
Sodium	<0.25		0.50	0.25	mg/L		08/05/25 11:21	08/06/25 20:07	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 11:21	08/06/25 20:07	1

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

Lab Sample ID: LCS 705-72507/2-A
Matrix: Water
Analysis Batch: 73134

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 72507

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.100		mg/L		100	80 - 120
Arsenic	0.100	0.0984		mg/L		98	80 - 120
Barium	0.100	0.0966		mg/L		97	80 - 120
Beryllium	0.100	0.0973		mg/L		97	80 - 120
Cadmium	0.100	0.0956		mg/L		96	80 - 120
Chromium	0.100	0.0983		mg/L		98	80 - 120
Cobalt	0.100	0.0997		mg/L		100	80 - 120
Lead	0.100	0.0994		mg/L		99	80 - 120
Magnesium	1.00	0.982		mg/L		98	80 - 120
Manganese	0.100	0.0997		mg/L		100	80 - 120
Molybdenum	0.100	0.104		mg/L		104	80 - 120
Potassium	1.00	0.950		mg/L		95	80 - 120
Selenium	0.100	0.0952		mg/L		95	80 - 120
Sodium	1.00	1.06		mg/L		106	80 - 120
Thallium	0.100	0.104		mg/L		104	80 - 120

Lab Sample ID: 705-38147-1 MS
Matrix: Water
Analysis Batch: 73134

Client Sample ID: SCH-SGWC-23
Prep Type: Total Recoverable
Prep Batch: 72507

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0992		mg/L		99	75 - 125
Arsenic	<0.0013		0.100	0.0988		mg/L		99	75 - 125
Barium	0.052		0.100	0.148		mg/L		96	75 - 125
Beryllium	<0.00015		0.100	0.0966		mg/L		97	75 - 125
Cadmium	<0.00024		0.100	0.0953		mg/L		95	75 - 125
Chromium	<0.0037		0.100	0.102		mg/L		102	75 - 125
Cobalt	<0.00041		0.100	0.101		mg/L		101	75 - 125
Lead	<0.00086		0.100	0.0997		mg/L		100	75 - 125
Magnesium	8.5		1.00	9.45	4	mg/L		93	75 - 125
Manganese	<0.0013		0.100	0.103		mg/L		103	75 - 125
Molybdenum	<0.00069		0.100	0.104		mg/L		104	75 - 125
Potassium	1.2		1.00	2.18		mg/L		97	75 - 125
Selenium	<0.0023		0.100	0.0962		mg/L		96	75 - 125
Sodium	16		1.00	17.0	4	mg/L		114	75 - 125
Thallium	<0.00019		0.100	0.104		mg/L		104	75 - 125

Lab Sample ID: 705-38147-1 MSD
Matrix: Water
Analysis Batch: 73134

Client Sample ID: SCH-SGWC-23
Prep Type: Total Recoverable
Prep Batch: 72507

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0988		mg/L		99	75 - 125	0	20
Arsenic	<0.0013		0.100	0.0973		mg/L		97	75 - 125	2	20
Barium	0.052		0.100	0.146		mg/L		94	75 - 125	1	20
Beryllium	<0.00015		0.100	0.0996		mg/L		100	75 - 125	3	20
Cadmium	<0.00024		0.100	0.0959		mg/L		96	75 - 125	1	20
Chromium	<0.0037		0.100	0.101		mg/L		101	75 - 125	1	20
Cobalt	<0.00041		0.100	0.0986		mg/L		99	75 - 125	2	20

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

Lab Sample ID: 705-38147-1 MSD — **Client Sample ID: SCH-SGWC-23**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 73134 — **Prep Batch: 72507**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	<0.00086		0.100	0.100		mg/L		100	75 - 125	1	20
Magnesium	8.5		1.00	9.40	4	mg/L		89	75 - 125	0	20
Manganese	<0.0013		0.100	0.0987		mg/L		99	75 - 125	4	20
Molybdenum	<0.00069		0.100	0.104		mg/L		104	75 - 125	0	20
Potassium	1.2		1.00	2.12		mg/L		91	75 - 125	3	20
Selenium	<0.0023		0.100	0.0972		mg/L		97	75 - 125	1	20
Sodium	16		1.00	16.8	4	mg/L		93	75 - 125	1	20
Thallium	<0.00019		0.100	0.104		mg/L		104	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-74284/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74432 — **Prep Batch: 74284**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 16:16	1

Lab Sample ID: LCS 705-74284/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74432 — **Prep Batch: 74284**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00403		mg/L		101	80 - 120

Lab Sample ID: 705-38144-B-1-F MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74432 — **Prep Batch: 74284**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00395		mg/L		99	75 - 125

Lab Sample ID: 705-38144-B-1-G MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74432 — **Prep Batch: 74284**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00391		mg/L		98	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-72921/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 72921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	124		mg/L		100	90 - 110
Bicarbonate Alkalinity as CaCO3	125	124		mg/L		100	90 - 110

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

Lab Sample ID: 705-38144-C-11 DU
Matrix: Water
Analysis Batch: 72921

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	74			73.7		mg/L				0.2	30
Bicarbonate Alkalinity as CaCO3	74			73.7		mg/L				0.2	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-71671/1
Matrix: Water
Analysis Batch: 71671

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/01/25 14:45	1

Lab Sample ID: LCS 705-71671/2
Matrix: Water
Analysis Batch: 71671

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1020		mg/L		103	80 - 120		

Lab Sample ID: 705-38152-B-1 DU
Matrix: Water
Analysis Batch: 71671

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	160			163		mg/L				5	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38147-1
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins Atlanta

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/3/2025 4:45:34 PM Revision 2

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond Assessment

JOB NUMBER

705-38256-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



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Revision 2

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

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Sample Summary

Client: Southern Company
Job ID: 705-38256-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38256-1	SCH-PZ-71	Water	07/29/25 15:36	07/30/25 11:10	Georgia
705-38256-2	SCH-PZ-42I	Water	07/29/25 15:06	07/30/25 11:10	Georgia
705-38256-3	SCH-AP1-FB-3	Water	07/29/25 15:20	07/30/25 11:10	Georgia
705-38256-4	SCH-PZ-39S	Water	07/29/25 09:41	07/30/25 11:10	Georgia
705-38256-5	SCH-PZ-44I	Water	07/29/25 09:18	07/30/25 11:10	Georgia
705-38256-6	SCH-PZ-69I	Water	07/29/25 10:16	07/30/25 11:10	Georgia
705-38256-7	SCH-AP1-EB-4	Water	07/29/25 09:20	07/30/25 11:10	Georgia
705-38256-8	SCH-PZ-43S	Water	07/29/25 11:30	07/30/25 11:10	Georgia
705-38256-9	SCH-PZ-17I	Water	07/29/25 11:48	07/30/25 11:10	Georgia
705-38256-10	SCH-PZ-40I	Water	07/29/25 11:45	07/30/25 11:10	Georgia
705-38256-11	SCH-AP1-EB-3	Water	07/29/25 11:55	07/30/25 11:10	Georgia
705-38256-12	SCH-PZ-41S	Water	07/29/25 13:37	07/30/25 11:10	Georgia
705-38256-13	SCH-PZ-70	Water	07/29/25 13:30	07/30/25 11:10	Georgia
705-38256-14	SCH-PZ-14S	Water	07/29/25 13:35	07/30/25 11:10	Georgia
705-38256-15	SCH-AP1-FD-4	Water	07/29/25 00:00	07/30/25 11:10	Georgia
705-38256-16	SCH-AP1-FD-3	Water	07/29/25 00:00	07/30/25 11:10	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins

Client Information	Sampler: Jake Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 2
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond Assessment	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity					Total Number of containers	
			Preservation Code:				N	N	D	D	D	D	D	D	N						
SCH-PZ-39S	7/29/25	09:41	G	WG			X	X	X	X	X	X	X	X	X					7	EXTRA RAD
SCH-PZ-44I	7/29/25	09:18	G	WG			X	X	X	X	X	X	X	X	X					5	
SCH-PZ-69I	7/29/25	10:16	G	WG			X	X	X	X	X	X	X	X	X					5	
SCH-AP1-EB-4	7/29/25	09:20	G	WQ			X	X	X	X	X	X	X	X	X					5	
SCH-PZ-43S	7/29/25	11:30	G	WG			X	X	X	X	X	X	X	X	X					5	
SCH-PZ-17I	7/29/25	11:48	G	WG			X	X	X	X	X	X	X	X	X					5	
SCH-PZ-40I	7/29/25	11:45	G	WG			X	X	X	X	X	X	X	X	X					5	
SCH-AP1-EB-3	7/29/25	11:55	G	WQ			X	X	X	X	X	X	X	X	X					5	
SCH-PZ-41S	7/29/25	13:37	G	WG			X	X	X	X	X	X	X	X	X					5	
SCH-PZ-70	7/29/25	13:30	G	WG			X	X	X	X	X	X	X	X	X					5	
SCH-PZ-14S	7/29/25	13:35	G	WG			X	X	X	X	X	X	X	X	X					5	

Preservation Codes:
D - HNO3
N - None

705-38256 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

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

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: Jacob Stucky	7/30/25 1536	WSP	VM	7/30/25	11:10
Relinquished by:	Date/Time:	Company	Received by	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: ~~4.0~~ 1.0, 0.1, 1.3, 2.1, 2.2, 5.2, 2.2 2665

Ver: 01/16/2019

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: Jake Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 2 of 2
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO#: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond Assessment	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity	Total Number of containers	
			Preservation Code:				N	N	D	D	D	D	D	D	N		
SCH-PZ-71I	7/29/25	1536	G	WG			X	X	X	X	X	X	X	X	X	7	EXTRA RADS
SCH-PZ-42I	7/29/25	1506	G	WG			X	X	X	X	X	X	X	X	X	5	
SCH-AP1-FB-3	7/29/25	1520	G	WQ			X	X	X	X	X	X	X	X	X	5	
SCH-AP1-FD-4	7/29/25	-	G	WG			X	X	X	X	X	X	X	X	X	5	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Jake Stucky	Date/Time: 7/30/25 1536	Company: WSP	Received by: VM	Date/Time: 7/30/25 11:10	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.0, D-1, 1.3, 2.1, 2.2, 5.2, 2.2 2665

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38256-1

Login Number: 38256
List Number: 1
Creator: Torres, Dominique

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-38256-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
705-38256-1

Revision 2
The report being provided is the 2nd revision of the original report sent on 8/18/2025. The report is being revised in order to add a B qualifier flag to the Calcium results for the samples in this submittal due to a detection above the Method Detection Limit (MDL) in the Method Blank.

Report revision history
Revision 1 - 8/18/2025 - Reason - in order to correct the last sample on this submittal to "FD-3"...not "FB-3".

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/30/2025 11:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 0.1°C, 1.0°C, 1.3°C, 2.1°C, 2.2°C, 2.2°C and 5.2°C.

Receipt Exceptions
The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): SCH-AP1-FD-3 (705-38256-16). The sampling date listed on the containers is 7/29/25.

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

Metals
Method 6010D: The method blank for preparation batch 705-73285 and analytical batch 705-73504 contained Calcium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-73285 and analytical batch 705-74226 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020B - Total Recoverable: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-73394 and analytical batch 705-73784 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

General Chemistry
Method 2540C: A lesser volume of sample was used for the following sample due to the nature of the sample matrix resulting in elevated reporting limits: SCH-PZ-41S (705-38256-12).

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

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Job ID: 705-38256-1

Client Sample ID: SCH-PZ-71 — Lab Sample ID: 705-38256-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	20		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.087	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	200		10	7.7	mg/L	10		300.0	Total/NA
Boron	1.5		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	27	B	0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.042		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.16		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.72		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	20		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	4.4		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0024	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	2.3		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	270		5.0	2.5	mg/L	10		6020B	Total Recoverable
Mercury	0.00032		0.00020	0.00017	mg/L	1		7470A	Total/NA
Total Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	500		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-PZ-42I — Lab Sample ID: 705-38256-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	250		10	7.7	mg/L	10		300.0	Total/NA
Boron	3.2		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	66	B	0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0060	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.047		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.11		0.10	0.018	mg/L	1		6020B	Total Recoverable
Lead	0.0016		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Magnesium	26		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.15		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0077		0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	3.3		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	29		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	69		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	69		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	580		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Job ID: 705-38256-1

Client Sample ID: SCH-AP1-FB-3 — Lab Sample ID: 705-38256-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	0.052	J B	0.10	0.038	mg/L	1		6010D	Total/NA

Client Sample ID: SCH-PZ-39S — Lab Sample ID: 705-38256-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.8		1.0	0.98	mg/L	1		300.0	Total/NA
Sulfate	33		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	23	B	0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0068	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.042		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.028		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Iron	0.035	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	9.6		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.090		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0013	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	1.5		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.3		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	65		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	65		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	150		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-PZ-44I — Lab Sample ID: 705-38256-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.1		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	24	B	0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.025		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.012		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0016	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	1.1		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	11		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.39		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.4		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.0		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	120		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	120		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Job ID: 705-38256-1

Client Sample ID: SCH-PZ-69I — Lab Sample ID: 705-38256-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	12		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	91		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.35		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	45	B	0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.17		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0017	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	1.1		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	12		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	1.3		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0013	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	5.2		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	26		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	310		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-AP1-EB-4 — Lab Sample ID: 705-38256-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.049	J B	0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.0029	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.036	J	0.10	0.018	mg/L	1		6020B	Total Recoverable

Client Sample ID: SCH-PZ-43S — Lab Sample ID: 705-38256-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	110		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.86		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	66	B	0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0079	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.052		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0053		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	5.4		0.10	0.016	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0021	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	2.7		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	15		0.50	0.25	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

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Client Sample ID: SCH-PZ-43S (Continued) — Lab Sample ID: 705-38256-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Alkalinity as CaCO3	28		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	28		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	260		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-PZ-17I — Lab Sample ID: 705-38256-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.8		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.20		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	85		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.13		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	33	B	0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.057		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.018	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	14		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.9		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	12		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	59		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	59		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	250		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-PZ-40I — Lab Sample ID: 705-38256-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.3		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.10	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	710		20	15	mg/L	20		300.0	Total/NA
Boron	4.7		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	130	B	0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.018	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.031		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00098	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.50		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	260		1.0	0.16	mg/L	10		6020B	Total Recoverable
Manganese	0.18		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	7.5		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	340		5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Alkalinity as CaCO3	15		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	15		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	1200		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Job ID: 705-38256-1

Client Sample ID: SCH-AP1-EB-3 — Lab Sample ID: 705-38256-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	0.052	J B	0.10	0.038	mg/L	1		6010D	Total/NA

Client Sample ID: SCH-PZ-41S — Lab Sample ID: 705-38256-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10		1.0	0.98	mg/L	1		300.0	Total/NA
Sulfate	830		20	15	mg/L	20		300.0	Total/NA
Boron	4.1		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	180	B	0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.023		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0056		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Iron	0.021	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	300		1.0	0.16	mg/L	10		6020B	Total Recoverable
Manganese	0.0050		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	4.2		0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.0052		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	310		5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Alkalinity as CaCO3	12		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	12		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	1400		20	20	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-PZ-70 — Lab Sample ID: 705-38256-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	13		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	70		5.0	3.8	mg/L	5		300.0	Total/NA
Boron	0.62		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	39	B	0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.079		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0069		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.33		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	14		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.88		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0015	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	5.0		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	18		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	300		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Job ID: 705-38256-1

Client Sample ID: SCH-PZ-14S — Lab Sample ID: 705-38256-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.092	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	4.9	B	0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.034		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	3.0		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.017		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	0.59		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	1.9		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	24		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	24		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	39		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-AP1-FD-4 — Lab Sample ID: 705-38256-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	13		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	70		5.0	3.8	mg/L	5		300.0	Total/NA
Boron	0.62		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	39	B	0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0045	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.077		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0070		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.31		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	15		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.87		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0035	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	4.9		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	19		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00075	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	110		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	110		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	270		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-AP1-FD-3 — Lab Sample ID: 705-38256-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	86		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.13		0.080	0.026	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: SCH-AP1-FD-3 (Continued)

Lab Sample ID: 705-38256-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	35	B	0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.060		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.020	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	15		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	2.0		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	11		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	59		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	59		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	270		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-PZ-71
Lab Sample ID: 705-38256-1
Date Collected: 07/29/25 15:36
Matrix: Water
Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20**		1.0	0.98	mg/L			08/02/25 17:29	1
Fluoride	**0.087**	**J**	0.20	0.081	mg/L			08/02/25 17:29	1
Sulfate	**200**		10	7.7	mg/L			08/05/25 12:22	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.5**		0.080	0.026	mg/L		08/07/25 17:05	08/08/25 11:24	1
Calcium	**27**	**B**	0.10	0.038	mg/L		08/07/25 17:05	08/08/25 11:24	1
Lithium	<0.0037	F1	0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 09:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 18:05	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:05	1
Barium	**0.042**		0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 18:05	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 18:05	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 18:05	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 18:05	1
Cobalt	**0.16**		0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 18:05	1
Iron	**0.72**		0.10	0.018	mg/L		08/08/25 10:10	08/08/25 18:05	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 18:05	1
Magnesium	**20**		0.10	0.016	mg/L		08/08/25 10:10	08/08/25 18:05	1
Manganese	**4.4**		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:05	1
Molybdenum	**0.0024**	**J**	0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 18:05	1
Potassium	**2.3**		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 18:05	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 18:05	1
Sodium	**270**		5.0	2.5	mg/L		08/08/25 10:10	08/10/25 17:06	10
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 17:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00032**		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 12:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**11**		3.0	3.0	mg/L			08/11/25 13:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**11**		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	**500**		10	10	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-PZ-42I
Lab Sample ID: 705-38256-2
Date Collected: 07/29/25 15:06
Matrix: Water
Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.6**		1.0	0.98	mg/L			08/05/25 23:27	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			08/05/25 23:27	1

Client Sample ID: SCH-PZ-42I
Lab Sample ID: 705-38256-2
Date Collected: 07/29/25 15:06
Matrix: Water
Date Received: 07/30/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**250**		10	7.7	mg/L			08/07/25 15:56	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**3.2**		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 14:42	1
Calcium	**66**	**B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 14:42	1
Lithium	**0.0060**	**J**	0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 18:09	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:09	1
Barium	**0.047**		0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 18:09	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 18:09	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 18:09	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 18:09	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 18:09	1
Iron	**0.11**		0.10	0.018	mg/L		08/08/25 10:10	08/08/25 18:09	1
Lead	**0.0016**		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 18:09	1
Magnesium	**26**		0.10	0.016	mg/L		08/08/25 10:10	08/08/25 18:09	1
Manganese	**0.15**		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:09	1
Molybdenum	**0.0077**		0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 18:09	1
Potassium	**3.3**		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 18:09	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 18:09	1
Sodium	**29**		0.50	0.25	mg/L		08/08/25 10:10	08/10/25 17:13	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 17:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 13:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**69**		3.0	3.0	mg/L			08/11/25 13:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**69**		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	**580**		10	10	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-AP1-FB-3
Lab Sample ID: 705-38256-3
Date Collected: 07/29/25 15:20
Matrix: Water
Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/05/25 23:38	1
Fluoride	<0.081		0.20	0.081	mg/L			08/05/25 23:38	1
Sulfate	<0.77		1.0	0.77	mg/L			08/05/25 23:38	1

Client Sample ID: SCH-AP1-FB-3

Lab Sample ID: 705-38256-3

Date Collected: 07/29/25 15:20

Matrix: Water

Date Received: 07/30/25 11:10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 14:45	1
Calcium	**0.052**	**J B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 14:45	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 09:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 18:12	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:12	1
Barium	<0.00041		0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 18:12	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 18:12	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 18:12	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 18:12	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 18:12	1
Iron	<0.018		0.10	0.018	mg/L		08/08/25 10:10	08/08/25 18:12	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 18:12	1
Magnesium	<0.016		0.10	0.016	mg/L		08/08/25 10:10	08/08/25 18:12	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:12	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 18:12	1
Potassium	<0.044		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 18:12	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 18:12	1
Sodium	<0.25		0.50	0.25	mg/L		08/08/25 10:10	08/10/25 17:36	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 17:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 13:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-PZ-39S

Lab Sample ID: 705-38256-4

Date Collected: 07/29/25 09:41

Matrix: Water

Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.8**		1.0	0.98	mg/L			08/06/25 00:35	1
Fluoride	<0.081		0.20	0.081	mg/L			08/07/25 11:52	1
Sulfate	**33**		1.0	0.77	mg/L			08/06/25 00:35	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 14:48	1
Calcium	**23**	**B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 14:48	1

Client Sample ID: SCH-PZ-39S

Lab Sample ID: 705-38256-4
Date Collected: 07/29/25 09:41
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.0068**	**J**	0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 09:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 18:36	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:36	1
Barium	**0.042**		0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 18:36	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 18:36	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 18:36	1
Chromium	**0.028**		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 18:36	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 18:36	1
Iron	**0.035**	**J**	0.10	0.018	mg/L		08/08/25 10:10	08/08/25 18:36	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 18:36	1
Magnesium	**9.6**		0.10	0.016	mg/L		08/08/25 10:10	08/08/25 18:36	1
Manganese	**0.090**		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:36	1
Molybdenum	**0.0013**	**J**	0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 18:36	1
Potassium	**1.5**		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 18:36	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 18:36	1
Sodium	**6.3**		0.50	0.25	mg/L		08/08/25 10:10	08/10/25 17:40	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 17:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 13:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**65**		3.0	3.0	mg/L			08/11/25 13:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**65**		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	**150**		10	10	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-PZ-44I

Lab Sample ID: 705-38256-5
Date Collected: 07/29/25 09:18
Matrix: Water
Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.1**		1.0	0.98	mg/L			08/06/25 00:47	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			08/07/25 12:04	1
Sulfate	<0.77		1.0	0.77	mg/L			08/06/25 00:47	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 14:51	1
Calcium	**24**	**B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 14:51	1
Lithium	**0.025**		0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 09:52	1

Client Sample ID: SCH-PZ-44I
Lab Sample ID: 705-38256-5
Date Collected: 07/29/25 09:18
Matrix: Water
Date Received: 07/30/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 18:39	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:39	1
Barium	**0.012**		0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 18:39	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 18:39	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 18:39	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 18:39	1
Cobalt	**0.0016**	**J**	0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 18:39	1
Iron	**1.1**		0.10	0.018	mg/L		08/08/25 10:10	08/08/25 18:39	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 18:39	1
Magnesium	**11**		0.10	0.016	mg/L		08/08/25 10:10	08/08/25 18:39	1
Manganese	**0.39**		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:39	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 18:39	1
Potassium	**2.4**		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 18:39	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 18:39	1
Sodium	**6.0**		0.50	0.25	mg/L		08/08/25 10:10	08/10/25 17:43	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 17:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 13:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**120**		3.0	3.0	mg/L			08/11/25 13:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**120**		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	**160**		10	10	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-PZ-69I
Lab Sample ID: 705-38256-6
Date Collected: 07/29/25 10:16
Matrix: Water
Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12**		1.0	0.98	mg/L			08/06/25 00:58	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			08/07/25 14:36	1
Sulfate	**91**		10	7.7	mg/L			08/07/25 14:47	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.35**		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 14:54	1
Calcium	**45**	**B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 14:54	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 09:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 18:42	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:42	1

Client Sample ID: SCH-PZ-69I
Lab Sample ID: 705-38256-6
Date Collected: 07/29/25 10:16
Matrix: Water
Date Received: 07/30/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.17**		0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 18:42	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 18:42	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 18:42	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 18:42	1
Cobalt	**0.0017**	**J**	0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 18:42	1
Iron	**1.1**		0.10	0.018	mg/L		08/08/25 10:10	08/08/25 18:42	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 18:42	1
Magnesium	**12**		0.10	0.016	mg/L		08/08/25 10:10	08/08/25 18:42	1
Manganese	**1.3**		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:42	1
Molybdenum	**0.0013**	**J**	0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 18:42	1
Potassium	**5.2**		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 18:42	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 18:42	1
Sodium	**26**		0.50	0.25	mg/L		08/08/25 10:10	08/10/25 17:47	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 17:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 13:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			08/11/25 13:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	**310**		10	10	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-AP1-EB-4
Lab Sample ID: 705-38256-7
Date Collected: 07/29/25 09:20
Matrix: Water
Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/06/25 01:10	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			08/07/25 14:24	1
Sulfate	<0.77		1.0	0.77	mg/L			08/06/25 01:10	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 14:57	1
Calcium	**0.049**	**J B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 14:57	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 09:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 18:46	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:46	1
Barium	**0.0029**	**J**	0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 18:46	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 18:46	1

Client Sample ID: SCH-AP1-EB-4

Lab Sample ID: 705-38256-7

Date Collected: 07/29/25 09:20
Matrix: Water
Date Received: 07/30/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 18:46	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 18:46	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 18:46	1
Iron	**0.036**	**J**	0.10	0.018	mg/L		08/08/25 10:10	08/08/25 18:46	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 18:46	1
Magnesium	<0.016		0.10	0.016	mg/L		08/08/25 10:10	08/08/25 18:46	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:46	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 18:46	1
Potassium	<0.044		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 18:46	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 18:46	1
Sodium	<0.25		0.50	0.25	mg/L		08/08/25 10:10	08/10/25 17:50	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 17:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 13:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-PZ-43S

Lab Sample ID: 705-38256-8

Date Collected: 07/29/25 11:30
Matrix: Water
Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.6**		1.0	0.98	mg/L			08/07/25 12:15	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			08/07/25 12:15	1
Sulfate	**110**		10	7.7	mg/L			08/07/25 17:04	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.86**		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 15:00	1
Calcium	**66**	**B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 15:00	1
Lithium	**0.0079**	**J**	0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 10:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 18:49	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:49	1
Barium	**0.052**		0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 18:49	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 18:49	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 18:49	1
Chromium	**0.0053**		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 18:49	1

Client Sample ID: SCH-PZ-43S

Lab Sample ID: 705-38256-8

Date Collected: 07/29/25 11:30

Matrix: Water

Date Received: 07/30/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 18:49	1
Iron	<0.018		0.10	0.018	mg/L		08/08/25 10:10	08/08/25 18:49	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 18:49	1
Magnesium	**5.4**		0.10	0.016	mg/L		08/08/25 10:10	08/08/25 18:49	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:49	1
Molybdenum	**0.0021**	**J**	0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 18:49	1
Potassium	**2.7**		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 18:49	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 18:49	1
Sodium	**15**		0.50	0.25	mg/L		08/08/25 10:10	08/10/25 17:53	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 17:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 13:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**28**		3.0	3.0	mg/L			08/11/25 13:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**28**		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	**260**		10	10	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-PZ-17I

Lab Sample ID: 705-38256-9

Date Collected: 07/29/25 11:48

Matrix: Water

Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.8**		1.0	0.98	mg/L			08/07/25 17:27	1
Fluoride	**0.20**		0.20	0.081	mg/L			08/07/25 17:27	1
Sulfate	**85**		10	7.7	mg/L			08/07/25 18:24	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.13**		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 15:09	1
Calcium	**33**	**B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 15:09	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 18:52	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:52	1
Barium	**0.057**		0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 18:52	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 18:52	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 18:52	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 18:52	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 18:52	1
Iron	**0.018**	**J**	0.10	0.018	mg/L		08/08/25 10:10	08/08/25 18:52	1

Client Sample ID: SCH-PZ-17I

Date Collected: 07/29/25 11:48
Date Received: 07/30/25 11:10

Lab Sample ID: 705-38256-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 18:52	1
Magnesium	**14**		0.10	0.016	mg/L		08/08/25 10:10	08/08/25 18:52	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:52	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 18:52	1
Potassium	**1.9**		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 18:52	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 18:52	1
Sodium	**12**		0.50	0.25	mg/L		08/08/25 10:10	08/10/25 17:57	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 17:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 13:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**59**		3.0	3.0	mg/L			08/11/25 13:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**59**		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	**250**		10	10	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-PZ-40I

Date Collected: 07/29/25 11:45
Date Received: 07/30/25 11:10

Lab Sample ID: 705-38256-10
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.3**		1.0	0.98	mg/L			08/07/25 17:39	1
Fluoride	**0.10**	**J**	0.20	0.081	mg/L			08/07/25 17:39	1
Sulfate	**710**		20	15	mg/L			08/07/25 18:36	20

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**4.7**		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 15:12	1
Calcium	**130**	**B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 15:12	1
Lithium	**0.018**	**J**	0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 10:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 18:56	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:56	1
Barium	**0.031**		0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 18:56	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 18:56	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 18:56	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 18:56	1
Cobalt	**0.00098**	**J**	0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 18:56	1
Iron	**0.50**		0.10	0.018	mg/L		08/08/25 10:10	08/08/25 18:56	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 18:56	1
Magnesium	**260**		1.0	0.16	mg/L		08/08/25 10:10	08/10/25 18:00	10

Client Sample ID: SCH-PZ-40I
Lab Sample ID: 705-38256-10
Date Collected: 07/29/25 11:45
Matrix: Water
Date Received: 07/30/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.18**		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:56	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 18:56	1
Potassium	**7.5**		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 18:56	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 18:56	1
Sodium	**340**		5.0	2.5	mg/L		08/08/25 10:10	08/10/25 18:00	10
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 18:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 13:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**15**		3.0	3.0	mg/L			08/11/25 13:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**15**		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	**1200**		10	10	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-AP1-EB-3
Lab Sample ID: 705-38256-11
Date Collected: 07/29/25 11:55
Matrix: Water
Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/07/25 17:50	1
Fluoride	<0.081		0.20	0.081	mg/L			08/07/25 17:50	1
Sulfate	<0.77		1.0	0.77	mg/L			08/07/25 17:50	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 15:36	1
Calcium	**0.052**	**J B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 15:36	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 18:59	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:59	1
Barium	<0.00041		0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 18:59	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 18:59	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 18:59	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 18:59	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 18:59	1
Iron	<0.018		0.10	0.018	mg/L		08/08/25 10:10	08/08/25 18:59	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 18:59	1
Magnesium	<0.016		0.10	0.016	mg/L		08/08/25 10:10	08/08/25 18:59	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 18:59	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 18:59	1

Client Sample ID: SCH-AP1-EB-3

Lab Sample ID: 705-38256-11

Date Collected: 07/29/25 11:55

Matrix: Water

Date Received: 07/30/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 18:59	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 18:59	1
Sodium	<0.25		0.50	0.25	mg/L		08/08/25 10:10	08/10/25 18:34	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 18:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 13:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-PZ-41S

Lab Sample ID: 705-38256-12

Date Collected: 07/29/25 13:37

Matrix: Water

Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10**		1.0	0.98	mg/L			08/07/25 18:01	1
Fluoride	<0.081		0.20	0.081	mg/L			08/07/25 18:01	1
Sulfate	**830**		20	15	mg/L			08/07/25 22:58	20

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**4.1**		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 15:39	1
Calcium	**180**	**B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 15:39	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 19:03	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 19:03	1
Barium	**0.023**		0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 19:03	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 19:03	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 19:03	1
Chromium	**0.0056**		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 19:03	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 19:03	1
Iron	**0.021**	**J**	0.10	0.018	mg/L		08/08/25 10:10	08/08/25 19:03	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 19:03	1
Magnesium	**300**		1.0	0.16	mg/L		08/08/25 10:10	08/10/25 18:37	10
Manganese	**0.0050**		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 19:03	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 19:03	1
Potassium	**4.2**		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 19:03	1
Selenium	**0.0052**		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 19:03	1

Client Sample ID: SCH-PZ-41S

Lab Sample ID: 705-38256-12

Date Collected: 07/29/25 13:37

Matrix: Water

Date Received: 07/30/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**310**		5.0	2.5	mg/L		08/08/25 10:10	08/10/25 18:37	10
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 18:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 13:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**12**		3.0	3.0	mg/L			08/11/25 13:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**12**		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	**1400**		20	20	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-PZ-70

Lab Sample ID: 705-38256-13

Date Collected: 07/29/25 13:30

Matrix: Water

Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13**		1.0	0.98	mg/L			08/07/25 22:12	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			08/07/25 22:12	1
Sulfate	**70**		5.0	3.8	mg/L			08/08/25 12:33	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.62**		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 15:42	1
Calcium	**39**	**B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 15:42	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 10:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 19:06	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 19:06	1
Barium	**0.079**		0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 19:06	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 19:06	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 19:06	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 19:06	1
Cobalt	**0.0069**		0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 19:06	1
Iron	**0.33**		0.10	0.018	mg/L		08/08/25 10:10	08/08/25 19:06	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 19:06	1
Magnesium	**14**		0.10	0.016	mg/L		08/08/25 10:10	08/08/25 19:06	1
Manganese	**0.88**		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 19:06	1
Molybdenum	**0.0015**	**J**	0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 19:06	1
Potassium	**5.0**		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 19:06	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 19:06	1
Sodium	**18**		0.50	0.25	mg/L		08/08/25 10:10	08/10/25 18:50	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 18:50	1

Client Sample ID: SCH-PZ-70
Lab Sample ID: 705-38256-13
Date Collected: 07/29/25 13:30
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 14:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			08/11/25 13:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	**300**		10	10	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-PZ-14S
Lab Sample ID: 705-38256-14
Date Collected: 07/29/25 13:35
Matrix: Water
Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.2**		1.0	0.98	mg/L			08/07/25 22:24	1
Fluoride	**0.092**	**J**	0.20	0.081	mg/L			08/07/25 22:24	1
Sulfate	<0.77		1.0	0.77	mg/L			08/07/25 22:24	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 15:51	1
Calcium	**4.9**	**B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 15:51	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 10:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/10/25 18:54	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/10/25 18:54	1
Barium	**0.034**		0.010	0.00041	mg/L		08/08/25 10:10	08/14/25 18:51	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/10/25 18:54	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/10/25 18:54	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 10:10	08/10/25 18:54	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 10:10	08/10/25 18:54	1
Iron	<0.018		0.10	0.018	mg/L		08/08/25 10:10	08/10/25 18:54	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/10/25 18:54	1
Magnesium	**3.0**		0.10	0.016	mg/L		08/08/25 10:10	08/10/25 18:54	1
Manganese	**0.017**		0.0050	0.0013	mg/L		08/08/25 10:10	08/10/25 18:54	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/08/25 10:10	08/10/25 18:54	1
Potassium	**0.59**		0.10	0.044	mg/L		08/08/25 10:10	08/10/25 18:54	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/10/25 18:54	1
Sodium	**1.9**		0.50	0.25	mg/L		08/08/25 10:10	08/10/25 18:54	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 18:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 14:07	1

Client Sample ID: SCH-PZ-14S
Lab Sample ID: 705-38256-14
Date Collected: 07/29/25 13:35
Matrix: Water
Date Received: 07/30/25 11:10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**24**		3.0	3.0	mg/L			08/11/25 13:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**24**		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	**39**		10	10	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-AP1-FD-4
Lab Sample ID: 705-38256-15
Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13**		1.0	0.98	mg/L			08/07/25 22:35	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			08/07/25 22:35	1
Sulfate	**70**		5.0	3.8	mg/L			08/08/25 12:44	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.62**		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 15:55	1
Calcium	**39**	**B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 15:55	1
Lithium	**0.0045**	**J**	0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 10:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 17:49	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 17:49	1
Barium	**0.077**		0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 17:49	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 17:49	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 17:49	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 17:49	1
Cobalt	**0.0070**		0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 17:49	1
Iron	**0.31**		0.10	0.018	mg/L		08/08/25 10:10	08/08/25 17:49	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 17:49	1
Magnesium	**15**		0.10	0.016	mg/L		08/08/25 10:10	08/08/25 17:49	1
Manganese	**0.87**		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 17:49	1
Molybdenum	**0.0035**	**J**	0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 17:49	1
Potassium	**4.9**		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 17:49	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 17:49	1
Sodium	**19**		0.50	0.25	mg/L		08/08/25 10:10	08/10/25 16:50	1
Thallium	**0.00075**	**J**	0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 16:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 14:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**110**		3.0	3.0	mg/L			08/11/25 13:22	1

Client Sample ID: SCH-AP1-FD-4
Lab Sample ID: 705-38256-15
Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 11:10

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**110**		3.0	3.0	mg/L			08/11/25 13:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/11/25 13:22	1
Total Dissolved Solids (SM 2540C - 2015)	**270**		10	10	mg/L			08/01/25 16:00	1

Client Sample ID: SCH-AP1-FD-3
Lab Sample ID: 705-38256-16
Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.2**		1.0	0.98	mg/L			08/07/25 22:47	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			08/07/25 22:47	1
Sulfate	**86**		10	7.7	mg/L			08/08/25 13:30	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.13**		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 15:58	1
Calcium	**35**	**B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 15:58	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 10:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/10/25 18:57	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/10/25 18:57	1
Barium	**0.060**		0.010	0.00041	mg/L		08/08/25 10:10	08/14/25 18:54	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/10/25 18:57	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/10/25 18:57	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 10:10	08/10/25 18:57	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 10:10	08/10/25 18:57	1
Iron	**0.020**	**J**	0.10	0.018	mg/L		08/08/25 10:10	08/10/25 18:57	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/10/25 18:57	1
Magnesium	**15**		0.10	0.016	mg/L		08/08/25 10:10	08/10/25 18:57	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/10/25 18:57	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/08/25 10:10	08/10/25 18:57	1
Potassium	**2.0**		0.10	0.044	mg/L		08/08/25 10:10	08/10/25 18:57	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/10/25 18:57	1
Sodium	**11**		0.50	0.25	mg/L		08/08/25 10:10	08/10/25 18:57	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 18:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 14:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**59**		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**59**		3.0	3.0	mg/L			08/12/25 14:05	1

Client: Southern Company
Job ID: 705-38256-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-AP1-FD-3
Lab Sample ID: 705-38256-16
Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 11:10

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	**270**		10	10	mg/L			08/01/25 16:00	1

Method Summary

Client: Southern Company
Job ID: 705-38256-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Job ID: 705-38256-1

Client Sample ID: SCH-PZ-71
Date Collected: 07/29/25 15:36
Date Received: 07/30/25 11:10

Lab Sample ID: 705-38256-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	72038	MS	EET ATL	08/02/25 17:29
Total/NA	Analysis	300.0		10	72503	MS	EET ATL	08/05/25 12:22
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 09:25
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	73504	DS	EET ATL	08/08/25 11:24
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73784	MD	EET ATL	08/08/25 18:05
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		10	73876	MD	EET ATL	08/10/25 17:06
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 17:10
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 12:56
Total/NA	Analysis	2320B-2011		1	74091	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Client Sample ID: SCH-PZ-42I
Date Collected: 07/29/25 15:06
Date Received: 07/30/25 11:10

Lab Sample ID: 705-38256-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	72503	MS	EET ATL	08/05/25 23:27
Total/NA	Analysis	300.0		10	73161	MS	EET ATL	08/07/25 15:56
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 09:39
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 14:42
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73784	MD	EET ATL	08/08/25 18:09
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 17:13
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 13:08
Total/NA	Analysis	2320B-2011		1	74006	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Client Sample ID: SCH-AP1-FB-3
Date Collected: 07/29/25 15:20
Date Received: 07/30/25 11:10

Lab Sample ID: 705-38256-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	72503	MS	EET ATL	08/05/25 23:38

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Job ID: 705-38256-1

Client Sample ID: SCH-AP1-FB-3

Lab Sample ID: 705-38256-3
Date Collected: 07/29/25 15:20
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 09:41
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 14:45
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73784	MD	EET ATL	08/08/25 18:12
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 17:36
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 13:12
Total/NA	Analysis	2320B-2011		1	74091	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Client Sample ID: SCH-PZ-39S

Lab Sample ID: 705-38256-4
Date Collected: 07/29/25 09:41
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	72503	MS	EET ATL	08/06/25 00:35
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/07/25 11:52
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 09:49
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 14:48
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73784	MD	EET ATL	08/08/25 18:36
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 17:40
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 13:16
Total/NA	Analysis	2320B-2011		1	74006	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Client Sample ID: SCH-PZ-44I

Lab Sample ID: 705-38256-5
Date Collected: 07/29/25 09:18
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	72503	MS	EET ATL	08/06/25 00:47
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/07/25 12:04
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 09:52
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 14:51

Lab Chronicle

Client: Southern Company
Job ID: 705-38256-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-PZ-44I
Lab Sample ID: 705-38256-5
Date Collected: 07/29/25 09:18
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73784	MD	EET ATL	08/08/25 18:39
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 17:43
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 13:20
Total/NA	Analysis	2320B-2011		1	74006	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Client Sample ID: SCH-PZ-69I
Lab Sample ID: 705-38256-6
Date Collected: 07/29/25 10:16
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	72503	MS	EET ATL	08/06/25 00:58
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/07/25 14:36
Total/NA	Analysis	300.0		10	73161	MS	EET ATL	08/07/25 14:47
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 09:55
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 14:54
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73784	MD	EET ATL	08/08/25 18:42
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 17:47
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 13:24
Total/NA	Analysis	2320B-2011		1	74006	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Client Sample ID: SCH-AP1-EB-4
Lab Sample ID: 705-38256-7
Date Collected: 07/29/25 09:20
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	72503	MS	EET ATL	08/06/25 01:10
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/07/25 14:24
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 09:58
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 14:57
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73784	MD	EET ATL	08/08/25 18:46

Lab Chronicle

Client: Southern Company
Job ID: 705-38256-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-AP1-EB-4
Lab Sample ID: 705-38256-7
Date Collected: 07/29/25 09:20
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 17:50
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 13:39
Total/NA	Analysis	2320B-2011		1	74091	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Client Sample ID: SCH-PZ-43S
Lab Sample ID: 705-38256-8
Date Collected: 07/29/25 11:30
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/07/25 12:15
Total/NA	Analysis	300.0		10	73161	MS	EET ATL	08/07/25 17:04
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 10:00
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 15:00
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73784	MD	EET ATL	08/08/25 18:49
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 17:53
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 13:43
Total/NA	Analysis	2320B-2011		1	74006	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Client Sample ID: SCH-PZ-17I
Lab Sample ID: 705-38256-9
Date Collected: 07/29/25 11:48
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/07/25 17:27
Total/NA	Analysis	300.0		10	73161	MS	EET ATL	08/07/25 18:24
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 10:03
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 15:09
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73784	MD	EET ATL	08/08/25 18:52
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 17:57
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 13:47

Lab Chronicle

Client: Southern Company
Job ID: 705-38256-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-PZ-17I
Lab Sample ID: 705-38256-9
Date Collected: 07/29/25 11:48
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2320B-2011		1	74006	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Client Sample ID: SCH-PZ-40I
Lab Sample ID: 705-38256-10
Date Collected: 07/29/25 11:45
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/07/25 17:39
Total/NA	Analysis	300.0		20	73161	MS	EET ATL	08/07/25 18:36
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 10:06
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 15:12
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73784	MD	EET ATL	08/08/25 18:56
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		10	73876	MD	EET ATL	08/10/25 18:00
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 18:03
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 13:51
Total/NA	Analysis	2320B-2011		1	74091	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Client Sample ID: SCH-AP1-EB-3
Lab Sample ID: 705-38256-11
Date Collected: 07/29/25 11:55
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/07/25 17:50
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 10:09
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 15:36
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73784	MD	EET ATL	08/08/25 18:59
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 18:34
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 13:55
Total/NA	Analysis	2320B-2011		1	74091	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Job ID: 705-38256-1

Client Sample ID: SCH-PZ-41S
Date Collected: 07/29/25 13:37
Date Received: 07/30/25 11:10

Lab Sample ID: 705-38256-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/07/25 18:01
Total/NA	Analysis	300.0		20	73161	MS	EET ATL	08/07/25 22:58
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 10:11
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 15:39
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73784	MD	EET ATL	08/08/25 19:03
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		10	73876	MD	EET ATL	08/10/25 18:37
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 18:40
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 13:59
Total/NA	Analysis	2320B-2011		1	74091	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Client Sample ID: SCH-PZ-70
Date Collected: 07/29/25 13:30
Date Received: 07/30/25 11:10

Lab Sample ID: 705-38256-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/07/25 22:12
Total/NA	Analysis	300.0		5	73533	MS	EET ATL	08/08/25 12:33
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 10:14
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 15:42
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73784	MD	EET ATL	08/08/25 19:06
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 18:50
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 14:03
Total/NA	Analysis	2320B-2011		1	74006	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Client Sample ID: SCH-PZ-14S
Date Collected: 07/29/25 13:35
Date Received: 07/30/25 11:10

Lab Sample ID: 705-38256-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/07/25 22:24

Lab Chronicle

Client: Southern Company
Job ID: 705-38256-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-PZ-14S
Lab Sample ID: 705-38256-14
Date Collected: 07/29/25 13:35
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 10:22
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 15:51
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 18:54
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	75110	MD	EET ATL	08/14/25 18:51
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 14:07
Total/NA	Analysis	2320B-2011		1	74006	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Client Sample ID: SCH-AP1-FD-4
Lab Sample ID: 705-38256-15
Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/07/25 22:35
Total/NA	Analysis	300.0		5	73533	MS	EET ATL	08/08/25 12:44
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 10:25
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 15:55
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73784	MD	EET ATL	08/08/25 17:49
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 16:50
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 14:11
Total/NA	Analysis	2320B-2011		1	74006	AH	EET ATL	08/11/25 13:22
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Client Sample ID: SCH-AP1-FD-3
Lab Sample ID: 705-38256-16
Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/07/25 22:47
Total/NA	Analysis	300.0		10	73533	MS	EET ATL	08/08/25 13:30
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74226	DAB	EET ATL	08/12/25 10:28
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 15:58

Lab Chronicle

Client: Southern Company
Job ID: 705-38256-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-AP1-FD-3
Lab Sample ID: 705-38256-16

Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	73876	MD	EET ATL	08/10/25 18:57
Total Recoverable	Prep	3005A			73394	SA	EET ATL	08/08/25 10:10
Total Recoverable	Analysis	6020B		1	75110	MD	EET ATL	08/14/25 18:54
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 14:14
Total/NA	Analysis	2320B-2011		1	74363	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	71930	NN	EET ATL	08/01/25 16:00

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-72038/3
Matrix: Water
Analysis Batch: 72038

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/02/25 11:34	1
Fluoride	<0.081		0.20	0.081	mg/L			08/02/25 11:34	1
Sulfate	<0.77		1.0	0.77	mg/L			08/02/25 11:34	1

Lab Sample ID: LCS 705-72038/4
Matrix: Water
Analysis Batch: 72038

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.43		mg/L		94	90 - 110
Fluoride	5.00	4.50		mg/L		90	90 - 110
Sulfate	25.0	24.5		mg/L		98	90 - 110

Lab Sample ID: 705-38633-B-1 MS
Matrix: Water
Analysis Batch: 72038

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.2		10.0	10.8		mg/L		96	90 - 110
Fluoride	<0.081	F1	5.00	4.27	F1	mg/L		85	90 - 110
Sulfate	3.7		25.0	29.0		mg/L		101	90 - 110

Lab Sample ID: 705-38633-B-1 MSD
Matrix: Water
Analysis Batch: 72038

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.2		10.0	10.6		mg/L		94	90 - 110	2	20
Fluoride	<0.081	F1	5.00	4.13	F1	mg/L		83	90 - 110	3	20
Sulfate	3.7		25.0	28.6		mg/L		100	90 - 110	1	20

Lab Sample ID: MB 705-72503/33
Matrix: Water
Analysis Batch: 72503

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/05/25 19:15	1
Fluoride	<0.081		0.20	0.081	mg/L			08/05/25 19:15	1
Sulfate	<0.77		1.0	0.77	mg/L			08/05/25 19:15	1

Lab Sample ID: LCS 705-72503/34
Matrix: Water
Analysis Batch: 72503

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.15		mg/L		91	90 - 110
Fluoride	5.00	4.52		mg/L		90	90 - 110
Sulfate	25.0	23.0		mg/L		92	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-38632-A-15 MS
Matrix: Water
Analysis Batch: 72503

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.8		10.0	13.9		mg/L		91	90 - 110
Fluoride	0.14	J F1	5.00	3.91	F1	mg/L		75	90 - 110
Sulfate	2.1	F1	25.0	24.5	F1	mg/L		89	90 - 110

Lab Sample ID: 705-38632-A-15 MSD
Matrix: Water
Analysis Batch: 72503

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.8		10.0	14.4		mg/L		96	90 - 110	3	20
Fluoride	0.14	J F1	5.00	4.05	F1	mg/L		78	90 - 110	4	20
Sulfate	2.1	F1	25.0	26.0		mg/L		95	90 - 110	6	20

Lab Sample ID: 705-38710-A-9 MS
Matrix: Water
Analysis Batch: 72503

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	56		100	152		mg/L		96	90 - 110
Sulfate	170		250	408		mg/L		95	90 - 110

Lab Sample ID: 705-38710-A-9 MSD
Matrix: Water
Analysis Batch: 72503

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	56		100	151		mg/L		96	90 - 110	0	20
Sulfate	170		250	412		mg/L		96	90 - 110	1	20

Lab Sample ID: MB 705-73161/5
Matrix: Water
Analysis Batch: 73161

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/07/25 11:18	1
Fluoride	<0.081		0.20	0.081	mg/L			08/07/25 11:18	1
Sulfate	<0.77		1.0	0.77	mg/L			08/07/25 11:18	1

Lab Sample ID: MB 705-73161/87
Matrix: Water
Analysis Batch: 73161

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/07/25 19:10	1
Fluoride	<0.081		0.20	0.081	mg/L			08/07/25 19:10	1
Sulfate	<0.77		1.0	0.77	mg/L			08/07/25 19:10	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 705-73161/6
Matrix: Water
Analysis Batch: 73161

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.64		mg/L		96	90 - 110
Fluoride	5.00	4.52		mg/L		90	90 - 110
Sulfate	25.0	24.3		mg/L		97	90 - 110

Lab Sample ID: LCS 705-73161/88
Matrix: Water
Analysis Batch: 73161

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.49		mg/L		95	90 - 110
Fluoride	5.00	4.60		mg/L		92	90 - 110
Sulfate	25.0	24.2		mg/L		97	90 - 110

Lab Sample ID: 705-39116-A-1 MS
Matrix: Water
Analysis Batch: 73161

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6.7		10.0	16.9		mg/L		102	90 - 110
Fluoride	0.099	J F1	5.00	4.34	F1	mg/L		85	90 - 110
Sulfate	<0.77		25.0	25.1		mg/L		100	90 - 110

Lab Sample ID: 705-39116-A-1 MSD
Matrix: Water
Analysis Batch: 73161

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6.7		10.0	16.7		mg/L		101	90 - 110	1	20
Fluoride	0.099	J F1	5.00	4.38	F1	mg/L		86	90 - 110	1	20
Sulfate	<0.77		25.0	23.8		mg/L		95	90 - 110	5	20

Lab Sample ID: 705-39184-E-6 MS
Matrix: Water
Analysis Batch: 73161

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	13		10.0	22.9		mg/L		95	90 - 110
Fluoride	0.11	J F1	5.00	4.54	F1	mg/L		88	90 - 110
Sulfate	6.1		25.0	31.8		mg/L		103	90 - 110

Lab Sample ID: 705-39184-E-6 MSD
Matrix: Water
Analysis Batch: 73161

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13		10.0	23.1		mg/L		97	90 - 110	1	20
Fluoride	0.11	J F1	5.00	4.49	F1	mg/L		88	90 - 110	1	20
Sulfate	6.1		25.0	31.6		mg/L		102	90 - 110	1	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 705-73533/4
Matrix: Water
Analysis Batch: 73533

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/08/25 10:55	1
Fluoride	<0.081		0.20	0.081	mg/L			08/08/25 10:55	1
Sulfate	<0.77		1.0	0.77	mg/L			08/08/25 10:55	1

Lab Sample ID: LCS 705-73533/5
Matrix: Water
Analysis Batch: 73533

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.76		mg/L		98	90 - 110
Fluoride	5.00	4.71		mg/L		94	90 - 110
Sulfate	25.0	24.8		mg/L		99	90 - 110

Lab Sample ID: 705-38422-B-1 MS
Matrix: Water
Analysis Batch: 73533

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.0		10.0	11.6		mg/L		96	90 - 110
Fluoride	0.14	J F1	5.00	4.52	F1	mg/L		88	90 - 110
Sulfate	<0.77		25.0	24.5		mg/L		98	90 - 110

Lab Sample ID: 705-38422-B-1 MSD
Matrix: Water
Analysis Batch: 73533

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.0		10.0	11.4		mg/L		94	90 - 110	1	20
Fluoride	0.14	J F1	5.00	4.65		mg/L		90	90 - 110	3	20
Sulfate	<0.77		25.0	25.2		mg/L		101	90 - 110	3	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-73285/1-A
Matrix: Water
Analysis Batch: 73504

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73285

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 17:05	08/08/25 11:18	1
Calcium	0.0505	J	0.10	0.038	mg/L		08/07/25 17:05	08/08/25 11:18	1

Lab Sample ID: MB 705-73285/1-A
Matrix: Water
Analysis Batch: 74226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73285

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 09:19	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 705-73285/2-A
Matrix: Water
Analysis Batch: 73504

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.08		mg/L		108	80 - 120
Calcium	10.0	11.0		mg/L		110	80 - 120

Lab Sample ID: LCS 705-73285/2-A
Matrix: Water
Analysis Batch: 74226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.08		mg/L		108	80 - 120

Lab Sample ID: 705-38256-1 MS
Matrix: Water
Analysis Batch: 73504

Client Sample ID: SCH-PZ-71
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.5		1.00	2.54		mg/L		103	75 - 125
Calcium	27	B	10.0	37.2		mg/L		103	75 - 125

Lab Sample ID: 705-38256-1 MS
Matrix: Water
Analysis Batch: 74226

Client Sample ID: SCH-PZ-71
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037	F1	1.00	1.56	F1	mg/L		156	75 - 125

Lab Sample ID: 705-38256-1 MSD
Matrix: Water
Analysis Batch: 73504

Client Sample ID: SCH-PZ-71
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.5		1.00	2.57		mg/L		105	75 - 125	1	20
Calcium	27	B	10.0	37.5		mg/L		107	75 - 125	1	20

Lab Sample ID: 705-38256-1 MSD
Matrix: Water
Analysis Batch: 74226

Client Sample ID: SCH-PZ-71
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037	F1	1.00	1.55	F1	mg/L		155	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-73394/1-A
Matrix: Water
Analysis Batch: 73784

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73394

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 10:10	08/08/25 17:42	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 17:42	1
Barium	<0.00041		0.010	0.00041	mg/L		08/08/25 10:10	08/08/25 17:42	1

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

Lab Sample ID: MB 705-73394/1-A
Matrix: Water
Analysis Batch: 73784

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73394

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 10:10	08/08/25 17:42	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 10:10	08/08/25 17:42	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 10:10	08/08/25 17:42	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 10:10	08/08/25 17:42	1
Iron	<0.018		0.10	0.018	mg/L		08/08/25 10:10	08/08/25 17:42	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 10:10	08/08/25 17:42	1
Magnesium	<0.016		0.10	0.016	mg/L		08/08/25 10:10	08/08/25 17:42	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/08/25 10:10	08/08/25 17:42	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/08/25 10:10	08/08/25 17:42	1
Potassium	<0.044		0.10	0.044	mg/L		08/08/25 10:10	08/08/25 17:42	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 10:10	08/08/25 17:42	1

Lab Sample ID: MB 705-73394/1-A
Matrix: Water
Analysis Batch: 73876

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73394

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	<0.25		0.50	0.25	mg/L		08/08/25 10:10	08/10/25 16:43	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 10:10	08/10/25 16:43	1

Lab Sample ID: LCS 705-73394/2-A
Matrix: Water
Analysis Batch: 73784

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73394

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0990		mg/L		99	80 - 120
Arsenic	0.100	0.101		mg/L		101	80 - 120
Barium	0.100	0.0977		mg/L		98	80 - 120
Beryllium	0.100	0.0969		mg/L		97	80 - 120
Cadmium	0.100	0.0964		mg/L		96	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.100	0.104		mg/L		104	80 - 120
Iron	1.00	1.06		mg/L		106	80 - 120
Lead	0.100	0.0947		mg/L		95	80 - 120
Magnesium	1.00	1.01		mg/L		101	80 - 120
Manganese	0.100	0.104		mg/L		104	80 - 120
Molybdenum	0.100	0.103		mg/L		103	80 - 120
Potassium	1.00	1.04		mg/L		104	80 - 120
Selenium	0.100	0.100		mg/L		100	80 - 120

Lab Sample ID: LCS 705-73394/2-A
Matrix: Water
Analysis Batch: 73876

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73394

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	1.00	1.04		mg/L		104	80 - 120
Thallium	0.100	0.102		mg/L		102	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38256-15 MS
Matrix: Water
Analysis Batch: 73784

Client Sample ID: SCH-AP1-FD-4
Prep Type: Total Recoverable
Prep Batch: 73394

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0982		mg/L		98	75 - 125
Arsenic	<0.0013		0.100	0.104		mg/L		104	75 - 125
Barium	0.077		0.100	0.173		mg/L		96	75 - 125
Beryllium	<0.00015		0.100	0.102		mg/L		102	75 - 125
Cadmium	<0.00024		0.100	0.0948		mg/L		95	75 - 125
Chromium	<0.0037		0.100	0.103		mg/L		103	75 - 125
Cobalt	0.0070		0.100	0.108		mg/L		101	75 - 125
Iron	0.31		1.00	1.35		mg/L		104	75 - 125
Lead	<0.00086		0.100	0.0908		mg/L		91	75 - 125
Magnesium	15		1.00	14.4	4	mg/L		-11	75 - 125
Manganese	0.87		0.100	0.965	4	mg/L		93	75 - 125
Molybdenum	0.0035	J	0.100	0.104		mg/L		101	75 - 125
Potassium	4.9		1.00	5.64	4	mg/L		78	75 - 125
Selenium	<0.0023		0.100	0.0994		mg/L		99	75 - 125

Lab Sample ID: 705-38256-15 MS
Matrix: Water
Analysis Batch: 73876

Client Sample ID: SCH-AP1-FD-4
Prep Type: Total Recoverable
Prep Batch: 73394

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	19		1.00	20.1	4	mg/L		120	75 - 125
Thallium	0.00075	J	0.100	0.0982		mg/L		97	75 - 125

Lab Sample ID: 705-38256-15 MSD
Matrix: Water
Analysis Batch: 73784

Client Sample ID: SCH-AP1-FD-4
Prep Type: Total Recoverable
Prep Batch: 73394

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.103		mg/L		103	75 - 125	5	20
Arsenic	<0.0013		0.100	0.102		mg/L		102	75 - 125	2	20
Barium	0.077		0.100	0.183		mg/L		105	75 - 125	5	20
Beryllium	<0.00015		0.100	0.102		mg/L		102	75 - 125	0	20
Cadmium	<0.00024		0.100	0.0962		mg/L		96	75 - 125	1	20
Chromium	<0.0037		0.100	0.103		mg/L		103	75 - 125	0	20
Cobalt	0.0070		0.100	0.109		mg/L		102	75 - 125	0	20
Iron	0.31		1.00	1.33		mg/L		103	75 - 125	1	20
Lead	<0.00086		0.100	0.0909		mg/L		91	75 - 125	0	20
Magnesium	15		1.00	15.2	4	mg/L		65	75 - 125	5	20
Manganese	0.87		0.100	0.971	4	mg/L		100	75 - 125	1	20
Molybdenum	0.0035	J	0.100	0.108		mg/L		104	75 - 125	3	20
Potassium	4.9		1.00	5.83	4	mg/L		97	75 - 125	3	20
Selenium	<0.0023		0.100	0.0994		mg/L		99	75 - 125	0	20

Lab Sample ID: 705-38256-15 MSD
Matrix: Water
Analysis Batch: 73876

Client Sample ID: SCH-AP1-FD-4
Prep Type: Total Recoverable
Prep Batch: 73394

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	19		1.00	20.0	4	mg/L		114	75 - 125	0	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38256-15 MSD — **Client Sample ID: SCH-AP1-FD-4**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 73876 — **Prep Batch: 73394**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Thallium	0.00075	J	0.100	0.0961		mg/L		95	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-74487/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74901 — **Prep Batch: 74487**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 12:48	1

Lab Sample ID: LCS 705-74487/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74901 — **Prep Batch: 74487**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00406		mg/L		101	80 - 120

Lab Sample ID: 705-38256-1 MS — **Client Sample ID: SCH-PZ-71**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74901 — **Prep Batch: 74487**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00032		0.00400	0.00394		mg/L		91	75 - 125

Lab Sample ID: 705-38256-1 MSD — **Client Sample ID: SCH-PZ-71**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74901 — **Prep Batch: 74487**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00032		0.00400	0.00390		mg/L		89	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-74006/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74006

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	125		mg/L		100	90 - 110
Bicarbonate Alkalinity as CaCO3	125	125		mg/L		100	90 - 110

Lab Sample ID: 705-38256-2 DU — **Client Sample ID: SCH-PZ-42I**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74006

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	69		69.6		mg/L		2	30
Bicarbonate Alkalinity as CaCO3	69		69.6		mg/L		2	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: LCS 705-74363/1
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	126		mg/L		101	90 - 110
Bicarbonate Alkalinity as CaCO3	125	126		mg/L		101	90 - 110

Lab Sample ID: 705-38256-16 DU
Matrix: Water
Analysis Batch: 74363

Client Sample ID: SCH-AP1-FD-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	59		58.6		mg/L		0.9	30
Bicarbonate Alkalinity as CaCO3	59		58.6		mg/L		0.9	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-71930/1
Matrix: Water
Analysis Batch: 71930

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/01/25 16:00	1

Lab Sample ID: LCS 705-71930/2
Matrix: Water
Analysis Batch: 71930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	996		mg/L		100	80 - 120

Lab Sample ID: 705-38213-B-3 DU
Matrix: Water
Analysis Batch: 71930

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	220		219		mg/L		NC	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38256-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38256-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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1 2 3 4 5 6 7 8 9 10 11 12 13

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 11/4/2025 8:28:57 AM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Additional PZs

JOB NUMBER

705-38258-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Additional PZs

Job ID: 705-38258-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38258-1	SCH-PZ-25S	Water	07/29/25 15:30	07/30/25 11:10	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: J. Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:	Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			Preservation Codes: D - HNO3 N - None
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			705-38258 COC
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			Other:
Project Name: CCR - Plant Scherer Additional PZs	Project #:			Task_Code: SCH-CCR-ASSMT-2025S2
Site:	SSOW#:			Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K	7470A - App IV Mercury	6010D- App III Metals	6020B - Cobalt + Mg, Na, K	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers
			Preservation Code:				N	N	D	D	D	D	D	D	D	D	N			
SCH-PZ-25S	7/29/25	15:30	G	WG	N	N	X	X	X	X	X			X	X	X	X			5

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, (II), III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jacob Stucky	7/30/25	WSP	Mike Gremmick	7/30/25 820	Comp Now
Mike Gremmick	7/30/25 1110	Comp Now		7.30.25 1110	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	1.0 0.1 1.3 2.1 2.2

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38258-1

Login Number: 38258
List Number: 1
Creator: Torres, Dominique

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-38258-1
Project/Site: CCR - Plant Scherer Additional PZs

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-38258-1

Revision 1
The report being provided is a revision of the original report sent on 8/15/2025. The report is being revised in order to add a B qualifier flag to the Calcium results for this sample due to a detection above the Method Detection Limit (MDL) in the Method Blank.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 7/30/2025 11:10 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.1°C, 1.0°C, 1.3°C, 2.1°C and 2.2°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The method blank for preparation batch 705-73285 and analytical batch 705-73504 contained Calcium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-73388 and analytical batch 705-74189 contained Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B - Total Recoverable: Continuing Calibration Verification (CCV) sample was outside method limits for Potassium . Note: QC Sample recoveries were within control limits. (CCV 705-74189/14)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Additional PZs

Job ID: 705-38258-1

Client Sample ID: SCH-PZ-25S

Lab Sample ID: 705-38258-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.1		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.76	B	0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.018		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.019		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	0.49		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.12	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	3.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Mercury	0.00061		0.00020	0.00017	mg/L	1		7470A	Total/NA
Total Dissolved Solids	38		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-PZ-25S

Date Collected: 07/29/25 15:30
Date Received: 07/30/25 11:10

Lab Sample ID: 705-38258-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.7**		1.0	0.98	mg/L			08/02/25 14:03	1
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			08/02/25 14:03	1
Sulfate	**1.1**		1.0	0.77	mg/L			08/02/25 14:03	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 16:04	1
Calcium	**0.76**	**B**	0.10	0.038	mg/L		08/07/25 17:05	08/11/25 16:04	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 17:05	08/13/25 10:39	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 09:21	08/11/25 23:13	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 09:21	08/11/25 23:13	1
Barium	**0.018**		0.010	0.00041	mg/L		08/08/25 09:21	08/11/25 23:13	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 09:21	08/11/25 23:13	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 09:21	08/11/25 23:13	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 09:21	08/11/25 23:13	1
Cobalt	**0.019**		0.0050	0.00041	mg/L		08/08/25 09:21	08/11/25 23:13	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 09:21	08/11/25 23:13	1
Magnesium	**0.49**		0.10	0.016	mg/L		08/08/25 09:21	08/11/25 23:13	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/08/25 09:21	08/11/25 23:13	1
Potassium	**0.12**	**B**	0.10	0.044	mg/L		08/08/25 09:21	08/12/25 19:50	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 09:21	08/11/25 23:13	1
Sodium	**3.5**		0.50	0.25	mg/L		08/08/25 09:21	08/11/25 23:13	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 09:21	08/11/25 23:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00061**		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 14:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	**38**		10	10	mg/L			08/04/25 16:00	1

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Additional PZs

Job ID: 705-38258-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Job ID: 705-38258-1
Project/Site: CCR - Plant Scherer Additional PZs

Client Sample ID: SCH-PZ-25S
Lab Sample ID: 705-38258-1

Date Collected: 07/29/25 15:30
Matrix: Water

Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	72038	MS	EET ATL	08/02/25 14:03
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 16:04
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74634	DS	EET ATL	08/13/25 10:39
Total Recoverable	Prep	3005A			73388	SA	EET ATL	08/08/25 09:21
Total Recoverable	Analysis	6020B		1	74189	IF	EET ATL	08/11/25 23:13
Total Recoverable	Prep	3005A			73388	SA	EET ATL	08/08/25 09:21
Total Recoverable	Analysis	6020B		1	74567	IF	EET ATL	08/12/25 19:50
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 14:30
Total/NA	Analysis	2320B-2011		1	74366	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72349	NN	EET ATL	08/04/25 16:00

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-72038/3
Matrix: Water
Analysis Batch: 72038

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/02/25 11:34	1
Fluoride	<0.081		0.20	0.081	mg/L			08/02/25 11:34	1
Sulfate	<0.77		1.0	0.77	mg/L			08/02/25 11:34	1

Lab Sample ID: LCS 705-72038/4
Matrix: Water
Analysis Batch: 72038

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.43		mg/L		94	90 - 110
Fluoride	5.00	4.50		mg/L		90	90 - 110
Sulfate	25.0	24.5		mg/L		98	90 - 110

Lab Sample ID: 705-38633-B-1 MS
Matrix: Water
Analysis Batch: 72038

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.2		10.0	10.8		mg/L		96	90 - 110
Fluoride	<0.081	F1	5.00	4.27	F1	mg/L		85	90 - 110
Sulfate	3.7		25.0	29.0		mg/L		101	90 - 110

Lab Sample ID: 705-38633-B-1 MSD
Matrix: Water
Analysis Batch: 72038

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.2		10.0	10.6		mg/L		94	90 - 110	2	20
Fluoride	<0.081	F1	5.00	4.13	F1	mg/L		83	90 - 110	3	20
Sulfate	3.7		25.0	28.6		mg/L		100	90 - 110	1	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-73285/1-A
Matrix: Water
Analysis Batch: 73504

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73285

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 17:05	08/08/25 11:18	1
Calcium	0.0505	J	0.10	0.038	mg/L		08/07/25 17:05	08/08/25 11:18	1

Lab Sample ID: MB 705-73285/1-A
Matrix: Water
Analysis Batch: 74226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73285

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 09:19	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 705-73285/2-A
Matrix: Water
Analysis Batch: 73504

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.08		mg/L		108	80 - 120
Calcium	10.0	11.0		mg/L		110	80 - 120

Lab Sample ID: LCS 705-73285/2-A
Matrix: Water
Analysis Batch: 74226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.08		mg/L		108	80 - 120

Lab Sample ID: 705-38256-C-1-B MS
Matrix: Water
Analysis Batch: 73504

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.5		1.00	2.54		mg/L		103	75 - 125
Calcium	27		10.0	37.2		mg/L		103	75 - 125

Lab Sample ID: 705-38256-C-1-B MS
Matrix: Water
Analysis Batch: 74226

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037	F1	1.00	1.56	F1	mg/L		156	75 - 125

Lab Sample ID: 705-38256-C-1-C MSD
Matrix: Water
Analysis Batch: 73504

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.5		1.00	2.57		mg/L		105	75 - 125	1	20
Calcium	27		10.0	37.5		mg/L		107	75 - 125	1	20

Lab Sample ID: 705-38256-C-1-C MSD
Matrix: Water
Analysis Batch: 74226

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037	F1	1.00	1.55	F1	mg/L		155	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-73388/1-A
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 09:21	08/11/25 22:54	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 09:21	08/11/25 22:54	1
Barium	<0.00041		0.010	0.00041	mg/L		08/08/25 09:21	08/11/25 22:54	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-73388/1-A
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 09:21	08/11/25 22:54	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 09:21	08/11/25 22:54	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 09:21	08/11/25 22:54	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 09:21	08/11/25 22:54	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 09:21	08/11/25 22:54	1
Magnesium	<0.016		0.10	0.016	mg/L		08/08/25 09:21	08/11/25 22:54	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/08/25 09:21	08/11/25 22:54	1
Potassium	0.0856	J ^+	0.10	0.044	mg/L		08/08/25 09:21	08/11/25 22:54	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 09:21	08/11/25 22:54	1
Sodium	<0.25		0.50	0.25	mg/L		08/08/25 09:21	08/11/25 22:54	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 09:21	08/11/25 22:54	1

Lab Sample ID: LCS 705-73388/2-A
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.101		mg/L		101	80 - 120
Arsenic	0.100	0.109		mg/L		109	80 - 120
Barium	0.100	0.103		mg/L		103	80 - 120
Beryllium	0.100	0.0994		mg/L		99	80 - 120
Cadmium	0.100	0.101		mg/L		101	80 - 120
Chromium	0.100	0.114		mg/L		114	80 - 120
Cobalt	0.100	0.114		mg/L		114	80 - 120
Lead	0.100	0.110		mg/L		110	80 - 120
Magnesium	1.00	1.12		mg/L		112	80 - 120
Molybdenum	0.100	0.114		mg/L		114	80 - 120
Potassium	1.00	1.15		mg/L		115	80 - 120
Selenium	0.100	0.100		mg/L		100	80 - 120
Sodium	1.00	1.18		mg/L		118	80 - 120
Thallium	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: 680-266089-D-6-B MS
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0964		mg/L		96	75 - 125
Arsenic	0.0016	J	0.100	0.110		mg/L		108	75 - 125
Barium	0.0056	J	0.100	0.106		mg/L		100	75 - 125
Beryllium	<0.00015		0.100	0.0965		mg/L		96	75 - 125
Cadmium	0.00032	J	0.100	0.0977		mg/L		97	75 - 125
Chromium	<0.0037		0.100	0.110		mg/L		110	75 - 125
Cobalt	0.00063	J	0.100	0.111		mg/L		111	75 - 125
Lead	<0.00086		0.100	0.108		mg/L		108	75 - 125
Magnesium	0.43		1.00	1.53		mg/L		110	75 - 125
Molybdenum	0.0014	J	0.100	0.113		mg/L		111	75 - 125
Potassium	0.65	B ^+	1.00	1.67	^+	mg/L		102	75 - 125
Selenium	<0.0023		0.100	0.0975		mg/L		98	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-266089-D-6-B MS
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	3.8		1.00	4.88		mg/L		105	75 - 125
Thallium	0.00035	J	0.100	0.109		mg/L		109	75 - 125

Lab Sample ID: 680-266089-D-6-C MSD
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0980		mg/L		98	75 - 125	2	20
Arsenic	0.0016	J	0.100	0.114		mg/L		113	75 - 125	4	20
Barium	0.0056	J	0.100	0.107		mg/L		101	75 - 125	1	20
Beryllium	<0.00015		0.100	0.100		mg/L		100	75 - 125	4	20
Cadmium	0.00032	J	0.100	0.0993		mg/L		99	75 - 125	2	20
Chromium	<0.0037		0.100	0.114		mg/L		114	75 - 125	4	20
Cobalt	0.00063	J	0.100	0.116		mg/L		115	75 - 125	4	20
Lead	<0.00086		0.100	0.108		mg/L		108	75 - 125	0	20
Magnesium	0.43		1.00	1.61		mg/L		118	75 - 125	5	20
Molybdenum	0.0014	J	0.100	0.117		mg/L		116	75 - 125	4	20
Potassium	0.65	B ^+	1.00	1.71	^+	mg/L		105	75 - 125	2	20
Selenium	<0.0023		0.100	0.0987		mg/L		99	75 - 125	1	20
Sodium	3.8		1.00	5.07		mg/L		125	75 - 125	4	20
Thallium	0.00035	J	0.100	0.108		mg/L		108	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-74487/1-A
Matrix: Water
Analysis Batch: 74901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74487

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 12:48	1

Lab Sample ID: LCS 705-74487/2-A
Matrix: Water
Analysis Batch: 74901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74487

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00406		mg/L		101	80 - 120

Lab Sample ID: 705-38256-C-1-F MS
Matrix: Water
Analysis Batch: 74901

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74487

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00032		0.00400	0.00394		mg/L		91	75 - 125

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 705-38256-C-1-G MSD
Matrix: Water
Analysis Batch: 74901

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74487

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00032		0.00400	0.00390		mg/L		89	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-74363/1
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	126		mg/L		101	90 - 110
Bicarbonate Alkalinity as CaCO3	125	126		mg/L		101	90 - 110

Lab Sample ID: 705-38256-A-16 DU
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	59		58.6		mg/L		0.9	30
Bicarbonate Alkalinity as CaCO3	59		58.6		mg/L		0.9	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-72349/1
Matrix: Water
Analysis Batch: 72349

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/04/25 16:00	1

Lab Sample ID: LCS 705-72349/2
Matrix: Water
Analysis Batch: 72349

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	1020		mg/L		103	80 - 120

Lab Sample ID: 705-38357-D-1 DU
Matrix: Water
Analysis Batch: 72349

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1500		1470		mg/L		1	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38258-1
Project/Site: CCR - Plant Scherer Additional PZs

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/30/2025 4:01:04 PM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

705-38261-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
8/30/2025 4:01:04 PM
Revision 1

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38261-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38261-1	SCH-SGWC-6	Water	07/29/25 13:38	07/30/25 11:10	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: J. Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-38261 COC

Other:

Task_Code:
SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals + Mg, Na, K, Mn	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers	
				Preservation Code:			N	N	D	D	D	D		D	D	D	N					
SCH-SGWC-6	7/29/25	13:38	G	WG			X	X	X		X	X		X	X	X	X				5	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, (II), III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jacob Stucky	7/30/25	WSP	Mike Gemmill	7/30/25 826	Courier NOW
Mike Gemmill	7/30/25 1110	Courier NOW		7.30.25 1110	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.0 0.1 1.3 2.1 2.2

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38261-1

Login Number: 38261
List Number: 1
Creator: Smith, Brittany

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38261-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-38261-1

Revision 1
The report being provided is a revision of the original report sent on 8/19/2025. The report is being revised in order to document changes requested by WSP during login review of this submittal.

Project Manager Comments
Per request by WSP during login review, Iron should be removed from the metals reporting list for Client Sample ID, SCH-SGWC-6.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 7/30/2025 11:10 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.1°C, 1.0°C, 1.3°C, 2.1°C and 2.2°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The following sample was diluted for Beryllium due to the nature of the sample matrix: SCH-SGWC-6 (705-38261-1). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-73388 and analytical batch 705-75541 contained Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38261-1

Client Sample ID: SCH-SGWC-6

Lab Sample ID: 705-38261-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.19	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	14		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.17		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Lead	0.0026		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Magnesium	6.2		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.028		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	1.1	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	13		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	78		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	78		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	130		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38261-1

Client Sample ID: SCH-SGWC-6

Date Collected: 07/29/25 13:38
Date Received: 07/30/25 11:10

Lab Sample ID: 705-38261-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.2**		1.0	0.98	mg/L			08/02/25 14:15	1
Fluoride	**0.19**	**J**	0.20	0.081	mg/L			08/02/25 14:15	1
Sulfate	<0.77		1.0	0.77	mg/L			08/02/25 14:15	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 17:05	08/11/25 16:01	1
Calcium	**14**		0.10	0.038	mg/L		08/07/25 17:05	08/11/25 16:01	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 17:05	08/13/25 10:37	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 09:21	08/15/25 20:35	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 09:21	08/15/25 20:35	1
Barium	**0.17**		0.010	0.00041	mg/L		08/08/25 09:21	08/15/25 20:35	1
Beryllium	<0.0015		0.010	0.0015	mg/L		08/08/25 09:21	08/18/25 15:06	10
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 09:21	08/15/25 20:35	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 09:21	08/15/25 20:35	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 09:21	08/15/25 20:35	1
Lead	**0.0026**		0.0010	0.00086	mg/L		08/08/25 09:21	08/15/25 20:35	1
Magnesium	**6.2**		0.10	0.016	mg/L		08/08/25 09:21	08/15/25 20:35	1
Manganese	**0.028**		0.0050	0.0013	mg/L		08/08/25 09:21	08/15/25 20:35	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/08/25 09:21	08/15/25 20:35	1
Potassium	**1.1**	**B**	0.10	0.044	mg/L		08/08/25 09:21	08/15/25 20:35	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 09:21	08/15/25 20:35	1
Sodium	**13**		0.50	0.25	mg/L		08/08/25 09:21	08/15/25 20:35	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 09:21	08/15/25 20:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 14:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**78**		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**78**		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	**130**		10	10	mg/L			08/04/25 16:00	1

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38261-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38261-1

Client Sample ID: SCH-SGWC-6

Date Collected: 07/29/25 13:38
Date Received: 07/30/25 11:10

Lab Sample ID: 705-38261-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	72038	MS	EET ATL	08/02/25 14:15
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74129	DS	EET ATL	08/11/25 16:01
Total/NA	Prep	3010A			73285	MT	EET ATL	08/07/25 17:05
Total/NA	Analysis	6010D		1	74634	DS	EET ATL	08/13/25 10:37
Total Recoverable	Prep	3005A			73388	SA	EET ATL	08/08/25 09:21
Total Recoverable	Analysis	6020B		1	75541	IF	EET ATL	08/15/25 20:35
Total Recoverable	Prep	3005A			73388	SA	EET ATL	08/08/25 09:21
Total Recoverable	Analysis	6020B		10	75685	IF	EET ATL	08/18/25 15:06
Total/NA	Prep	7470A			74487	GR	EET ATL	08/13/25 09:21
Total/NA	Analysis	7470A		1	74901	GR	EET ATL	08/13/25 14:34
Total/NA	Analysis	2320B-2011		1	74363	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72349	NN	EET ATL	08/04/25 16:00

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-72038/3
Matrix: Water
Analysis Batch: 72038

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/02/25 11:34	1
Fluoride	<0.081		0.20	0.081	mg/L			08/02/25 11:34	1
Sulfate	<0.77		1.0	0.77	mg/L			08/02/25 11:34	1

Lab Sample ID: LCS 705-72038/4
Matrix: Water
Analysis Batch: 72038

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.43		mg/L		94	90 - 110
Fluoride	5.00	4.50		mg/L		90	90 - 110
Sulfate	25.0	24.5		mg/L		98	90 - 110

Lab Sample ID: 705-38633-B-1 MS
Matrix: Water
Analysis Batch: 72038

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.2		10.0	10.8		mg/L		96	90 - 110
Fluoride	<0.081	F1	5.00	4.27	F1	mg/L		85	90 - 110
Sulfate	3.7		25.0	29.0		mg/L		101	90 - 110

Lab Sample ID: 705-38633-B-1 MSD
Matrix: Water
Analysis Batch: 72038

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.2		10.0	10.6		mg/L		94	90 - 110	2	20
Fluoride	<0.081	F1	5.00	4.13	F1	mg/L		83	90 - 110	3	20
Sulfate	3.7		25.0	28.6		mg/L		100	90 - 110	1	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-73285/1-A
Matrix: Water
Analysis Batch: 73504

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73285

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 17:05	08/08/25 11:18	1
Calcium	0.0505	J	0.10	0.038	mg/L		08/07/25 17:05	08/08/25 11:18	1

Lab Sample ID: MB 705-73285/1-A
Matrix: Water
Analysis Batch: 74226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73285

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/07/25 17:05	08/12/25 09:19	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 705-73285/2-A
Matrix: Water
Analysis Batch: 73504

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.08		mg/L		108	80 - 120
Calcium	10.0	11.0		mg/L		110	80 - 120

Lab Sample ID: LCS 705-73285/2-A
Matrix: Water
Analysis Batch: 74226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.08		mg/L		108	80 - 120

Lab Sample ID: 705-38256-C-1-B MS
Matrix: Water
Analysis Batch: 73504

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.5		1.00	2.54		mg/L		103	75 - 125
Calcium	27		10.0	37.2		mg/L		103	75 - 125

Lab Sample ID: 705-38256-C-1-B MS
Matrix: Water
Analysis Batch: 74226

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037	F1	1.00	1.56	F1	mg/L		156	75 - 125

Lab Sample ID: 705-38256-C-1-C MSD
Matrix: Water
Analysis Batch: 73504

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.5		1.00	2.57		mg/L		105	75 - 125	1	20
Calcium	27		10.0	37.5		mg/L		107	75 - 125	1	20

Lab Sample ID: 705-38256-C-1-C MSD
Matrix: Water
Analysis Batch: 74226

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 73285

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037	F1	1.00	1.55	F1	mg/L		155	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-73388/1-A
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 09:21	08/11/25 22:54	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 09:21	08/11/25 22:54	1
Barium	<0.00041		0.010	0.00041	mg/L		08/08/25 09:21	08/11/25 22:54	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-73388/1-A
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 09:21	08/11/25 22:54	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 09:21	08/11/25 22:54	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 09:21	08/11/25 22:54	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 09:21	08/11/25 22:54	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 09:21	08/11/25 22:54	1
Magnesium	<0.016		0.10	0.016	mg/L		08/08/25 09:21	08/11/25 22:54	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/08/25 09:21	08/11/25 22:54	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/08/25 09:21	08/11/25 22:54	1
Potassium	0.0856	J ^+	0.10	0.044	mg/L		08/08/25 09:21	08/11/25 22:54	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 09:21	08/11/25 22:54	1
Sodium	<0.25		0.50	0.25	mg/L		08/08/25 09:21	08/11/25 22:54	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 09:21	08/11/25 22:54	1

Lab Sample ID: LCS 705-73388/2-A
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.101		mg/L		101	80 - 120
Arsenic	0.100	0.109		mg/L		109	80 - 120
Barium	0.100	0.103		mg/L		103	80 - 120
Beryllium	0.100	0.0994		mg/L		99	80 - 120
Cadmium	0.100	0.101		mg/L		101	80 - 120
Chromium	0.100	0.114		mg/L		114	80 - 120
Cobalt	0.100	0.114		mg/L		114	80 - 120
Lead	0.100	0.110		mg/L		110	80 - 120
Magnesium	1.00	1.12		mg/L		112	80 - 120
Manganese	0.100	0.108		mg/L		108	80 - 120
Molybdenum	0.100	0.114		mg/L		114	80 - 120
Potassium	1.00	1.15	^+	mg/L		115	80 - 120
Selenium	0.100	0.100		mg/L		100	80 - 120
Sodium	1.00	1.18		mg/L		118	80 - 120
Thallium	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: 680-266089-D-6-B MS
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0964		mg/L		96	75 - 125
Arsenic	0.0016	J	0.100	0.110		mg/L		108	75 - 125
Barium	0.0056	J	0.100	0.106		mg/L		100	75 - 125
Beryllium	<0.00015		0.100	0.0965		mg/L		96	75 - 125
Cadmium	0.00032	J	0.100	0.0977		mg/L		97	75 - 125
Chromium	<0.0037		0.100	0.110		mg/L		110	75 - 125
Cobalt	0.00063	J	0.100	0.111		mg/L		111	75 - 125
Lead	<0.00086		0.100	0.108		mg/L		108	75 - 125
Magnesium	0.43		1.00	1.53		mg/L		110	75 - 125
Manganese	0.023		0.100	0.128		mg/L		105	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-266089-D-6-B MS
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Molybdenum	0.0014	J	0.100	0.113		mg/L		111	75 - 125
Potassium	0.65	B ^+	1.00	1.67	^+	mg/L		102	75 - 125
Selenium	<0.0023		0.100	0.0975		mg/L		98	75 - 125
Sodium	3.8		1.00	4.88		mg/L		105	75 - 125
Thallium	0.00035	J	0.100	0.109		mg/L		109	75 - 125

Lab Sample ID: 680-266089-D-6-C MSD
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0980		mg/L		98	75 - 125	2	20
Arsenic	0.0016	J	0.100	0.114		mg/L		113	75 - 125	4	20
Barium	0.0056	J	0.100	0.107		mg/L		101	75 - 125	1	20
Beryllium	<0.00015		0.100	0.100		mg/L		100	75 - 125	4	20
Cadmium	0.00032	J	0.100	0.0993		mg/L		99	75 - 125	2	20
Chromium	<0.0037		0.100	0.114		mg/L		114	75 - 125	4	20
Cobalt	0.00063	J	0.100	0.116		mg/L		115	75 - 125	4	20
Lead	<0.00086		0.100	0.108		mg/L		108	75 - 125	0	20
Magnesium	0.43		1.00	1.61		mg/L		118	75 - 125	5	20
Manganese	0.023		0.100	0.131		mg/L		108	75 - 125	3	20
Molybdenum	0.0014	J	0.100	0.117		mg/L		116	75 - 125	4	20
Potassium	0.65	B ^+	1.00	1.71	^+	mg/L		105	75 - 125	2	20
Selenium	<0.0023		0.100	0.0987		mg/L		99	75 - 125	1	20
Sodium	3.8		1.00	5.07		mg/L		125	75 - 125	4	20
Thallium	0.00035	J	0.100	0.108		mg/L		108	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-74487/1-A
Matrix: Water
Analysis Batch: 74901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74487

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/13/25 09:21	08/13/25 12:48	1

Lab Sample ID: LCS 705-74487/2-A
Matrix: Water
Analysis Batch: 74901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74487

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00406		mg/L		101	80 - 120

Lab Sample ID: 705-38256-C-1-F MS
Matrix: Water
Analysis Batch: 74901

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74487

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00032		0.00400	0.00394		mg/L		91	75 - 125

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 705-38256-C-1-G MSD
Matrix: Water
Analysis Batch: 74901

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74487

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00032		0.00400	0.00390		mg/L		89	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-74363/1
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	126		mg/L		101	90 - 110
Bicarbonate Alkalinity as CaCO3	125	126		mg/L		101	90 - 110

Lab Sample ID: 705-38256-A-16 DU
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	59		58.6		mg/L		0.9	30
Bicarbonate Alkalinity as CaCO3	59		58.6		mg/L		0.9	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-72349/1
Matrix: Water
Analysis Batch: 72349

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/04/25 16:00	1

Lab Sample ID: LCS 705-72349/2
Matrix: Water
Analysis Batch: 72349

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	1020		mg/L		103	80 - 120

Lab Sample ID: 705-38357-D-1 DU
Matrix: Water
Analysis Batch: 72349

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1500		1470		mg/L		1	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38261-1
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 11/6/2025 8:32:16 AM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Additional PZs

JOB NUMBER

705-38429-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Revision 1

Authorized for release by
David Fuller, Project Manager
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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Additional PZs

Job ID: 705-38429-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38429-1	SCH-PZ-25I	Water	07/30/25 16:30	07/31/25 11:22	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: Jacob Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Additional PZs	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-38429 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals + Lithium	6020B - App IV Metals + Mg, Na, K	7470A - App IV Mercury	6010D- App III Metals (Boron, Calcium)	6020B - Cobalt + Mg, Na, K	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers
			Preservation Code:				N	N	D	D	D	D	D	D	D	D	N			
SCH-PZ-251	7/30/25	16:30	G	WG	N	N	X	X				X	X				X			3

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jacob Stucky	7/31/25 0828	WSP	Mike Gemmill	7/31/25 0828	Eurofins Nov
Mike Gemmill	7/31/25 1118	Eurofins NOV		7.31.25 11:22	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: Q # 2665 3.6 3.3 3.2 2.9

Ver: 01/16/2019
11/6/2025 (Rev. 1)

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38429-1

Login Number: 38429
List Number: 1
Creator: Myndresku, Victor

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Additional PZs

Job ID: 705-38429-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38429-1 Eurofins Atlanta

Job Narrative
705-38429-1

Revision 1
The report being provided is a revision of the original report sent on 8/14/2025. The report is being revised in order to add a missing narrative statement regarding a CCV for Potassium by Method 6020B.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 7/31/2025 11:22 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.9°C, 3.2°C, 3.3°C and 3.6°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: Continuing Calibration Verification (CCV) sample was outside method limits for Potassium .
Note: QC Sample recoveries were within control limits. (CCV 705-74191/19)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Additional PZs

Job ID: 705-38429-1

Client Sample ID: SCH-PZ-25I

Lab Sample ID: 705-38429-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	21		0.10	0.038	mg/L	1		6010D	Total/NA
Cobalt	0.00046	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	9.6		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.0		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.3		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	90		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	90		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Additional PZs

Job ID: 705-38429-1

Client Sample ID: SCH-PZ-25I

Date Collected: 07/30/25 16:30
Date Received: 07/31/25 11:22

Lab Sample ID: 705-38429-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.1**		1.0	0.98	mg/L			08/09/25 03:59	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			08/09/25 03:59	1
Sulfate	<0.77		1.0	0.77	mg/L			08/09/25 03:59	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 20:15	1
Calcium	**21**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 20:15	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.00046**	**J**	0.0050	0.00041	mg/L		08/11/25 11:15	08/12/25 02:11	1
Magnesium	**9.6**		0.10	0.016	mg/L		08/11/25 11:15	08/12/25 02:11	1
Potassium	**1.0**		0.10	0.044	mg/L		08/11/25 11:15	08/12/25 20:33	1
Sodium	**4.3**		0.50	0.25	mg/L		08/11/25 11:15	08/12/25 20:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**90**		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**90**		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	**110**		10	10	mg/L			08/05/25 15:45	1

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Additional PZs

Job ID: 705-38429-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Additional PZs

Job ID: 705-38429-1

Client Sample ID: SCH-PZ-25I

Date Collected: 07/30/25 16:30
Date Received: 07/31/25 11:22

Lab Sample ID: 705-38429-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/09/25 03:59
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 20:15
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74191	IF	EET ATL	08/12/25 02:11
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74567	IF	EET ATL	08/12/25 20:33
Total/NA	Analysis	2320B-2011		1	74363	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72584	NN	EET ATL	08/05/25 15:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-73533/152
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/09/25 01:06	1
Fluoride	<0.081		0.20	0.081	mg/L			08/09/25 01:06	1
Sulfate	<0.77		1.0	0.77	mg/L			08/09/25 01:06	1

Lab Sample ID: LCS 705-73533/153
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.54		mg/L		95	90 - 110
Fluoride	5.00	4.57		mg/L		91	90 - 110
Sulfate	25.0	23.7		mg/L		95	90 - 110

Lab Sample ID: 705-39223-B-2 MS
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	210	F1	100	293	F1	mg/L		87	90 - 110
Fluoride	18	F2 F1	50.0	60.1	F1	mg/L		84	90 - 110
Sulfate	<7.7		250	240		mg/L		96	90 - 110

Lab Sample ID: 705-39223-B-2 MSD
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	210	F1	100	284	F1	mg/L		77	90 - 110	3	20
Fluoride	18	F2 F1	50.0	48.6	F2 F1	mg/L		60	90 - 110	21	20
Sulfate	<7.7		250	236		mg/L		95	90 - 110	2	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-74201/1-A
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74201

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 18:42	1
Calcium	<0.038		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 18:42	1

Lab Sample ID: LCS 705-74201/2-A
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.979		mg/L		98	80 - 120
Calcium	10.0	10.1		mg/L		101	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-38420-C-2-C MS
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	0.992		mg/L		99	75 - 125
Calcium	6.4		10.0	16.7		mg/L		103	75 - 125

Lab Sample ID: 705-38420-C-2-D MSD
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.00		mg/L		100	75 - 125	1	20
Calcium	6.4		10.0	16.6		mg/L		102	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-73929/1-A
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 11:15	08/12/25 00:35	1
Magnesium	<0.016		0.10	0.016	mg/L		08/11/25 11:15	08/12/25 00:35	1
Sodium	<0.25		0.50	0.25	mg/L		08/11/25 11:15	08/12/25 00:35	1

Lab Sample ID: MB 705-73929/1-A
Matrix: Water
Analysis Batch: 74567

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		08/11/25 11:15	08/12/25 20:14	1

Lab Sample ID: LCS 705-73929/2-A
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	0.100	0.108		mg/L		108	80 - 120
Magnesium	1.00	1.08		mg/L		108	80 - 120
Potassium	1.00	1.14	^+	mg/L		114	80 - 120

Lab Sample ID: LCS 705-73929/2-A
Matrix: Water
Analysis Batch: 74567

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	1.00	1.13		mg/L		113	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-266136-B-2-B MS
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	<0.00041		0.100	0.108		mg/L		108	75 - 125
Magnesium	5.1		1.00	6.25	4	mg/L		120	75 - 125
Potassium	0.20	B ^+	1.00	1.20	^+	mg/L		100	75 - 125
Sodium	9.7	*+	1.00	10.7	4	mg/L		100	75 - 125

Lab Sample ID: 680-266136-B-2-C MSD
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt	<0.00041		0.100	0.109		mg/L		109	75 - 125	1	20
Magnesium	5.1		1.00	6.27	4	mg/L		122	75 - 125	0	20
Potassium	0.20	B ^+	1.00	1.19	^+	mg/L		99	75 - 125	1	20
Sodium	9.7	*+	1.00	10.9	4	mg/L		118	75 - 125	2	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-74363/1
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	126		mg/L		101	90 - 110
Bicarbonate Alkalinity as CaCO3	125	126		mg/L		101	90 - 110

Lab Sample ID: 705-38256-A-16 DU
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	59		58.6		mg/L		0.9	30
Bicarbonate Alkalinity as CaCO3	59		58.6		mg/L		0.9	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-72584/1
Matrix: Water
Analysis Batch: 72584

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/05/25 15:45	1

Lab Sample ID: LCS 705-72584/2
Matrix: Water
Analysis Batch: 72584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	1060		mg/L		106	80 - 120

Client: Southern Company
Project/Site: CCR - Plant Scherer Additional PZs

Job ID: 705-38429-1

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: 705-38480-A-1 DU
Matrix: Water
Analysis Batch: 72584

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1900			1960		mg/L				1	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38429-1
Project/Site: CCR - Plant Scherer Additional PZs

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/15/2025 9:01:44 AM

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond Assessment

JOB NUMBER

705-38432-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Job ID: 705-38432-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38432-1	SCH-PZ-13S	Water	07/30/25 12:36	07/31/25 11:22	Georgia
705-38432-2	SCH-AP1-FB-4	Water	07/30/25 16:31	07/31/25 11:22	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: Jacob Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-272-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond Assessment	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity					Total Number of containers
			Preservation Code:				N	N	D	D	D	D	D	D	N					
SCH-PZ-13S	7/30/25	12:36	G	WG			X	X	X	X	X	X	X	X	X					5
SCH-AP1-FB-4	7/30/25	16:31	G	WQ			X	X	X	X	X	X	X	X	X					5

Preservation Codes:
D - HNO3
N - None

705-38432 COC

Other:

Task_Code:
SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Jacob Stucky	7/31/25 0828	WSP	MIKE GEMMILL	7/31/25 828	COURIER NOW
2	MIKE GEMMILL	7/31/25 1118	COURIER NOW		7.31.25 1122	
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: CR #2665 3.6 3.3 3.2 2.9

Ver: 01/16/2019
8/15/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38432-1

Login Number: 38432

List Source: Eurofins Atlanta

List Number: 1

Creator: Myndresku, Victor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Client: Southern Company
Job ID: 705-38432-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38432-1 Eurofins Atlanta

Job Narrative
705-38432-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/31/2025 11:22 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.9°C, 3.2°C, 3.3°C and 3.6°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Job ID: 705-38432-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-PZ-13S
Lab Sample ID: 705-38432-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	7.0		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.043		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0029	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.044	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	1.9		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.038		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	0.33		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	5.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Mercury	0.00063		0.00020	0.00017	mg/L	1		7470A	Total/NA
Total Alkalinity as CaCO3	21		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	21		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	44		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-AP1-FB-4
Lab Sample ID: 705-38432-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.10	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.041	J	0.10	0.038	mg/L	1		6010D	Total/NA
Potassium	0.098	J B ^2	0.10	0.044	mg/L	1		6020B	Total Recoverable
Mercury	0.00017	J	0.00020	0.00017	mg/L	1		7470A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: SCH-PZ-13S
Lab Sample ID: 705-38432-1

Date Collected: 07/30/25 12:36
Matrix: Water
Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10**		1.0	0.98	mg/L			08/08/25 00:30	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			08/08/25 00:30	1
Sulfate	<0.77		1.0	0.77	mg/L			08/08/25 00:30	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 20:03	1
Calcium	**7.0**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 20:03	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/12/25 11:23	08/13/25 13:19	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 11:15	08/12/25 02:06	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 11:15	08/12/25 02:06	1
Barium	**0.043**		0.010	0.00041	mg/L		08/11/25 11:15	08/12/25 02:06	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 11:15	08/12/25 02:06	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 11:15	08/12/25 02:06	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 11:15	08/12/25 02:06	1
Cobalt	**0.0029**	**J**	0.0050	0.00041	mg/L		08/11/25 11:15	08/12/25 02:06	1
Iron	**0.044**	**J**	0.10	0.018	mg/L		08/11/25 11:15	08/12/25 02:06	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 11:15	08/12/25 02:06	1
Magnesium	**1.9**		0.10	0.016	mg/L		08/11/25 11:15	08/12/25 02:06	1
Manganese	**0.038**		0.0050	0.0013	mg/L		08/11/25 11:15	08/12/25 02:06	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/11/25 11:15	08/12/25 02:06	1
Potassium	**0.33**		0.10	0.044	mg/L		08/11/25 11:15	08/12/25 20:36	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 11:15	08/12/25 02:06	1
Sodium	**5.5**		0.50	0.25	mg/L		08/11/25 11:15	08/12/25 20:36	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 11:15	08/12/25 02:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00063**		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 17:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**21**		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**21**		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	**44**		10	10	mg/L			08/05/25 14:45	1

Client Sample ID: SCH-AP1-FB-4
Lab Sample ID: 705-38432-2

Date Collected: 07/30/25 16:31
Matrix: Water
Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/08/25 00:41	1
Fluoride	**0.10**	**J**	0.20	0.081	mg/L			08/08/25 00:41	1

Client Sample ID: SCH-AP1-FB-4
Lab Sample ID: 705-38432-2

Date Collected: 07/30/25 16:31
Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.77		1.0	0.77	mg/L			08/08/25 00:41	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 20:06	1
Calcium	**0.041**	**J**	0.10	0.038	mg/L		08/12/25 11:23	08/12/25 20:06	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/12/25 11:23	08/13/25 13:21	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 11:15	08/12/25 02:09	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 11:15	08/12/25 02:09	1
Barium	<0.00041		0.010	0.00041	mg/L		08/11/25 11:15	08/12/25 02:09	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 11:15	08/12/25 02:09	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 11:15	08/12/25 02:09	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 11:15	08/12/25 02:09	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 11:15	08/12/25 02:09	1
Iron	<0.018		0.10	0.018	mg/L		08/11/25 11:15	08/12/25 02:09	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 11:15	08/12/25 02:09	1
Magnesium	<0.016		0.10	0.016	mg/L		08/11/25 11:15	08/12/25 02:09	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/11/25 11:15	08/12/25 02:09	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/11/25 11:15	08/12/25 02:09	1
Potassium	**0.098**	**J B ^2**	0.10	0.044	mg/L		08/11/25 11:15	08/12/25 02:09	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 11:15	08/12/25 02:09	1
Sodium	<0.25	*+	0.50	0.25	mg/L		08/11/25 11:15	08/12/25 02:09	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 11:15	08/12/25 02:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00017**	**J**	0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 17:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/05/25 14:45	1

Method Summary

Client: Southern Company
Job ID: 705-38432-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Job ID: 705-38432-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-PZ-13S
Lab Sample ID: 705-38432-1
Date Collected: 07/30/25 12:36
Matrix: Water
Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/08/25 00:30
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 20:03
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74636	DS	EET ATL	08/13/25 13:19
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74191	IF	EET ATL	08/12/25 02:06
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74567	IF	EET ATL	08/12/25 20:36
Total/NA	Prep	7470A			74878	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75062	GR	EET ATL	08/14/25 17:24
Total/NA	Analysis	2320B-2011		1	74363	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Client Sample ID: SCH-AP1-FB-4
Lab Sample ID: 705-38432-2
Date Collected: 07/30/25 16:31
Matrix: Water
Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73161	MS	EET ATL	08/08/25 00:41
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 20:06
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74636	DS	EET ATL	08/13/25 13:21
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74191	IF	EET ATL	08/12/25 02:09
Total/NA	Prep	7470A			74878	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75062	GR	EET ATL	08/14/25 17:27
Total/NA	Analysis	2320B-2011		1	74366	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-73161/87
Matrix: Water
Analysis Batch: 73161

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/07/25 19:10	1
Fluoride	<0.081		0.20	0.081	mg/L			08/07/25 19:10	1
Sulfate	<0.77		1.0	0.77	mg/L			08/07/25 19:10	1

Lab Sample ID: LCS 705-73161/88
Matrix: Water
Analysis Batch: 73161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.49		mg/L		95	90 - 110
Fluoride	5.00	4.60		mg/L		92	90 - 110
Sulfate	25.0	24.2		mg/L		97	90 - 110

Lab Sample ID: 705-39184-E-6 MS
Matrix: Water
Analysis Batch: 73161

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	13		10.0	22.9		mg/L		95	90 - 110
Fluoride	0.11	J F1	5.00	4.54	F1	mg/L		88	90 - 110
Sulfate	6.1		25.0	31.8		mg/L		103	90 - 110

Lab Sample ID: 705-39184-E-6 MSD
Matrix: Water
Analysis Batch: 73161

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13		10.0	23.1		mg/L		97	90 - 110	1	20
Fluoride	0.11	J F1	5.00	4.49	F1	mg/L		88	90 - 110	1	20
Sulfate	6.1		25.0	31.6		mg/L		102	90 - 110	1	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-74201/1-A
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74201

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 18:42	1
Calcium	<0.038		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 18:42	1

Lab Sample ID: MB 705-74201/1-A
Matrix: Water
Analysis Batch: 74636

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74201

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/12/25 11:23	08/13/25 11:42	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 705-74201/2-A
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.979		mg/L		98	80 - 120
Calcium	10.0	10.1		mg/L		101	80 - 120

Lab Sample ID: LCS 705-74201/2-A
Matrix: Water
Analysis Batch: 74636

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.15		mg/L		115	80 - 120

Lab Sample ID: 705-38420-C-2-C MS
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	0.992		mg/L		99	75 - 125
Calcium	6.4		10.0	16.7		mg/L		103	75 - 125

Lab Sample ID: 705-38420-C-2-C MS
Matrix: Water
Analysis Batch: 74636

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037		1.00	1.14		mg/L		114	75 - 125

Lab Sample ID: 705-38420-C-2-D MSD
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.00		mg/L		100	75 - 125	1	20
Calcium	6.4		10.0	16.6		mg/L		102	75 - 125	0	20

Lab Sample ID: 705-38420-C-2-D MSD
Matrix: Water
Analysis Batch: 74636

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.13		mg/L		113	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-73929/1-A
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 11:15	08/12/25 00:35	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 11:15	08/12/25 00:35	1
Barium	<0.00041		0.010	0.00041	mg/L		08/11/25 11:15	08/12/25 00:35	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-73929/1-A
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 11:15	08/12/25 00:35	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 11:15	08/12/25 00:35	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 11:15	08/12/25 00:35	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 11:15	08/12/25 00:35	1
Iron	<0.018		0.10	0.018	mg/L		08/11/25 11:15	08/12/25 00:35	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 11:15	08/12/25 00:35	1
Magnesium	<0.016		0.10	0.016	mg/L		08/11/25 11:15	08/12/25 00:35	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/11/25 11:15	08/12/25 00:35	1
Molybdenum	0.000749	J	0.0050	0.00069	mg/L		08/11/25 11:15	08/12/25 00:35	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 11:15	08/12/25 00:35	1
Sodium	<0.25		0.50	0.25	mg/L		08/11/25 11:15	08/12/25 00:35	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 11:15	08/12/25 00:35	1

Lab Sample ID: MB 705-73929/1-A
Matrix: Water
Analysis Batch: 74567

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		08/11/25 11:15	08/12/25 20:14	1

Lab Sample ID: LCS 705-73929/2-A
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0994		mg/L		99	80 - 120
Arsenic	0.100	0.109		mg/L		109	80 - 120
Barium	0.100	0.0989		mg/L		99	80 - 120
Beryllium	0.100	0.100		mg/L		100	80 - 120
Cadmium	0.100	0.0992		mg/L		99	80 - 120
Chromium	0.100	0.109		mg/L		109	80 - 120
Cobalt	0.100	0.108		mg/L		108	80 - 120
Iron	1.00	1.08		mg/L		108	80 - 120
Lead	0.100	0.106		mg/L		106	80 - 120
Magnesium	1.00	1.08		mg/L		108	80 - 120
Manganese	0.100	0.105		mg/L		105	80 - 120
Molybdenum	0.100	0.111		mg/L		111	80 - 120
Potassium	1.00	1.14	^+	mg/L		114	80 - 120
Selenium	0.100	0.100		mg/L		100	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

Lab Sample ID: LCS 705-73929/2-A
Matrix: Water
Analysis Batch: 74567

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	1.00	1.13		mg/L		113	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-266136-B-2-B MS
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.101		mg/L		101	75 - 125
Arsenic	<0.0013		0.100	0.111		mg/L		111	75 - 125
Barium	0.038		0.100	0.136		mg/L		99	75 - 125
Beryllium	<0.00015		0.100	0.0955		mg/L		96	75 - 125
Cadmium	<0.00024		0.100	0.0971		mg/L		97	75 - 125
Chromium	<0.0037		0.100	0.108		mg/L		108	75 - 125
Cobalt	<0.00041		0.100	0.108		mg/L		108	75 - 125
Iron	0.019	J	1.00	1.09		mg/L		107	75 - 125
Lead	<0.00086		0.100	0.104		mg/L		104	75 - 125
Magnesium	5.1		1.00	6.25	4	mg/L		120	75 - 125
Manganese	0.0087		0.100	0.114		mg/L		105	75 - 125
Molybdenum	0.00083	J B	0.100	0.111		mg/L		110	75 - 125
Potassium	0.20	B ^+	1.00	1.20	^+	mg/L		100	75 - 125
Selenium	<0.0023		0.100	0.0981		mg/L		98	75 - 125
Sodium	9.7	*+	1.00	10.7	4	mg/L		100	75 - 125
Thallium	<0.00019		0.100	0.105		mg/L		105	75 - 125

Lab Sample ID: 680-266136-B-2-C MSD
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.101		mg/L		101	75 - 125	0	20
Arsenic	<0.0013		0.100	0.109		mg/L		109	75 - 125	2	20
Barium	0.038		0.100	0.138		mg/L		100	75 - 125	1	20
Beryllium	<0.00015		0.100	0.0967		mg/L		97	75 - 125	1	20
Cadmium	<0.00024		0.100	0.0972		mg/L		97	75 - 125	0	20
Chromium	<0.0037		0.100	0.108		mg/L		108	75 - 125	0	20
Cobalt	<0.00041		0.100	0.109		mg/L		109	75 - 125	1	20
Iron	0.019	J	1.00	1.08		mg/L		106	75 - 125	1	20
Lead	<0.00086		0.100	0.104		mg/L		104	75 - 125	1	20
Magnesium	5.1		1.00	6.27	4	mg/L		122	75 - 125	0	20
Manganese	0.0087		0.100	0.113		mg/L		105	75 - 125	1	20
Molybdenum	0.00083	J B	0.100	0.109		mg/L		109	75 - 125	1	20
Potassium	0.20	B ^+	1.00	1.19	^+	mg/L		99	75 - 125	1	20
Selenium	<0.0023		0.100	0.0982		mg/L		98	75 - 125	0	20
Sodium	9.7	*+	1.00	10.9	4	mg/L		118	75 - 125	2	20
Thallium	<0.00019		0.100	0.105		mg/L		105	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-74878/1-A
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 12:26	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 705-74878/2-A
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74878

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00400	0.00365		mg/L		91	80 - 120		

Lab Sample ID: 705-39261-A-6-C MS
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74878

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00378		mg/L		95	75 - 125		

Lab Sample ID: 705-39261-A-6-D MSD
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74878

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00380		mg/L		95	75 - 125	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-74363/1
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			125	126		mg/L		101	90 - 110		
Bicarbonate Alkalinity as CaCO3			125	126		mg/L		101	90 - 110		

Lab Sample ID: 705-38256-A-16 DU
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	59			58.6		mg/L				0.9	30
Bicarbonate Alkalinity as CaCO3	59			58.6		mg/L				0.9	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-72578/1
Matrix: Water
Analysis Batch: 72578

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/05/25 14:45	1

Lab Sample ID: LCS 705-72578/2
Matrix: Water
Analysis Batch: 72578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	944		mg/L		95	80 - 120		

Client: Southern Company
Job ID: 705-38432-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: 705-38370-F-1 DU
Client Sample ID: Duplicate
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 72578

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	400			405		mg/L				0.5	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38432-1
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/30/2025 2:58:07 PM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

705-38437-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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8/30/2025 2:58:07 PM
Revision 1

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38437-1	SCH-SGWC-8	Water	07/30/25 09:50	07/31/25 11:22	Georgia
705-38437-2	SCH-SGWC-7	Water	07/30/25 10:40	07/31/25 11:22	Georgia
705-38437-3	SCH-SGWC-10	Water	07/30/25 13:04	07/31/25 11:22	Georgia
705-38437-4	SCH-AP1-EB-2	Water	07/30/25 15:05	07/31/25 11:22	Georgia
705-38437-5	SCH-SGWC-13	Water	07/30/25 14:10	07/31/25 11:22	Georgia
705-38437-6	SCH-SGWA-25	Water	07/30/25 14:25	07/31/25 11:22	Georgia
705-38437-7	SCH-SGWC-9	Water	07/30/25 12:11	07/31/25 11:22	Georgia
705-38437-8	SCH-SGWC-15	Water	07/30/25 11:40	07/31/25 11:22	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: Jacob Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 551-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-38437 COC

Other:

Task_Code:
SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity	Total Number of containers	
			Preservation Code:				N	N	D	D	D	D	D	D	D	N		
SCH-SGWC-8	7/30/25	09:50	G	WG			X	X	X	X		X	X	X	X	X	5	
SCH-SGWC-7	7/30/25	10:40	G	WG			X	X	X	X		X	X	X	X	X	5	
SCH-SGWC-10	7/30/25	13:04	G	WG			X	X	X		X	X	X	X	X	X	5	
SCH-AP1-EB-2	7/30/25	15:05	G	WQ			X	X	X		X	X	X	X	X	X	5	
SCH-SGWC-13	7/30/25	14:10	G	WG			X	X	X	X		X	X	X	X	X	7	Extra Rad
SCH-SGWA-25	7/30/25	14:25	G	WG			X	X	X	X		X	X	X	X	X	5	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, (II), III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Jacob Stucky	7/31/25 0828	WSP	Mike Gemmill	7/31/25 0828	Courier Now
2	Mike Gemmill	7/31/25 1118	Courier Now	[illegible]	7.31.25 11:22	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: #2665 3.6 3.3 3.2 2.9

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Environment Testing

Client Information	Sampler: J. Sfucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:	Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			Preservation Codes: D - HNO3 N - None
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			Other:
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			Task_Code: SCH-CCR-ASSMT-2025S2
Project Name: CCR - Plant Scherer Ash Pond	Project #:			Special Instructions/Notes:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers	
			Preservation Code:				N	N	D	D	D	D		D	D	D	N				
SCH-SGWC-8	7/30/25	09:50	G	WG			X	X	X	X		X		X	X	X	X			5	
SCH-SGWC-7	7/30/25	10:40	G	WG			X	X	X	X		X		X	X	X	X			5	
SCH-SGWC-10	7/30/25	13:04	G	WG			X	X	X		X	X		X	X	X	X			5	
SCH-AP1-EB-2	7/30/25	15:05	G	WQ			X	X	X		X	X		X	X	X	X			5	
SCH-SGWC-13	7/30/25	14:10	G	WG			X	X	X	X		X		X	X	X	X			7	Extra Rad
SCH-SGWA-25	7/30/25	14:25	G	WG			X	X	X	X		X		X	X	X	X			5	
SCH-SGWC-9	7/30/25	12:11	G	WG			X	X	X	X		X		X	X	X	X			5	
SCH-SGWC-15	7/30/25	11:40	G	WG			X	X	X		X	X		X	X	X	X			5	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
Jacob Sfucky	7/31/25 1536	WSP			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38437-1

Login Number: 38437
List Number: 1
Creator: Myndresku, Victor

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38437-1 Eurofins Atlanta

Job Narrative
705-38437-1

Revision 1
The report being provided is a revision of the original report sent on 8/18/2025. The report is being revised in order to add an additional Chain of Custody document that reflects all the samples that were received in this submittal.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/31/2025 11:22 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.9°C, 3.2°C, 3.3°C and 3.6°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-73968 and analytical batch 705-75557 contained Beryllium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 7470A: The method blank for preparation batch 705-74896 and analytical batch 705-75064 contained Mercury above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-1

Client Sample ID: SCH-SGWC-8 — Lab Sample ID: 705-38437-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	16		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.47		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	37		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	37		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.14		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00057	J B	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Magnesium	19		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.93		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	30		0.50	0.25	mg/L	1		6020B	Total Recoverable
Mercury	0.00017	J B	0.00020	0.00017	mg/L	1		7470A	Total/NA
Total Alkalinity as CaCO3	190		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	190		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	310		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWC-7 — Lab Sample ID: 705-38437-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.25		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	4.4		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	17		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0063	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.27		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00021	J B	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Magnesium	9.9		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.058		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0012	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	3.7		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	16		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	120		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	120		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWC-10 — Lab Sample ID: 705-38437-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.3		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.15	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	49		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.36		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	7.9		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.055		0.010	0.00041	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-1

Client Sample ID: SCH-SGWC-10 (Continued) — Lab Sample ID: 705-38437-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.00048	J B	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.015		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	1.6		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	9.4		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.54		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	0.39		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.1		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	17		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	17		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	120		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-AP1-EB-2 — Lab Sample ID: 705-38437-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	0.046	J	0.10	0.038	mg/L	1		6010D	Total/NA
Beryllium	0.00033	J B	0.0010	0.00015	mg/L	1		6020B	Total Recoverable

Client Sample ID: SCH-SGWC-13 — Lab Sample ID: 705-38437-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	19		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.083	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	170		10	7.7	mg/L	10		300.0	Total/NA
Boron	1.0		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	34		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.047		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00039	J B	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0020	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	12		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.14		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	1.4		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	33		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	15		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	15		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	360		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWA-25 — Lab Sample ID: 705-38437-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.6		1.0	0.98	mg/L	1		300.0	Total/NA
Calcium	9.6		0.10	0.038	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-1

Client Sample ID: SCH-SGWA-25 (Continued) — Lab Sample ID: 705-38437-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.026		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00047	J B	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Chromium	0.0038	J	0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	5.7		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.0072		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	0.53		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.0		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	55		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	55		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	76		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWC-9 — Lab Sample ID: 705-38437-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	27		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	190		10	7.7	mg/L	10		300.0	Total/NA
Boron	1.3		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	42		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.066		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00032	J B	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Magnesium	24		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.018		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	0.49		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	45		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	90		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	90		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	460		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWC-15 — Lab Sample ID: 705-38437-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	14		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.18	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	200		10	7.7	mg/L	10		300.0	Total/NA
Boron	1.3		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	16		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0042	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.025		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0011	B	0.0010	0.00015	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: SCH-SGWC-15 (Continued)

Lab Sample ID: 705-38437-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.00040	J	0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Chromium	0.030		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Cobalt	0.23		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	14		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	3.3		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	4.7		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	49		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	440		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-SGWC-8

Lab Sample ID: 705-38437-1

Date Collected: 07/30/25 09:50

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16**		1.0	0.98	mg/L			08/09/25 01:54	1
Fluoride	**0.47**		0.20	0.081	mg/L			08/09/25 01:54	1
Sulfate	**37**		1.0	0.77	mg/L			08/09/25 01:54	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 19:38	1
Calcium	**37**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 19:38	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/12/25 11:23	08/13/25 13:00	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 12:40	08/12/25 19:31	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 19:31	1
Barium	**0.14**		0.010	0.00041	mg/L		08/11/25 12:40	08/12/25 19:31	1
Beryllium	**0.00057**	**J B**	0.0010	0.00015	mg/L		08/11/25 12:40	08/12/25 19:31	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 12:40	08/12/25 19:31	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 12:40	08/12/25 19:31	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 12:40	08/12/25 19:31	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 12:40	08/12/25 19:31	1
Magnesium	**19**		0.10	0.016	mg/L		08/11/25 12:40	08/12/25 19:31	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 19:31	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/11/25 12:40	08/12/25 19:31	1
Potassium	**0.93**		0.10	0.044	mg/L		08/11/25 12:40	08/12/25 19:31	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 12:40	08/12/25 19:31	1
Sodium	**30**		0.50	0.25	mg/L		08/11/25 12:40	08/12/25 19:31	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 12:40	08/12/25 19:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00017**	**J B**	0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 17:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**190**		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**190**		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	**310**		10	10	mg/L			08/05/25 14:45	1

Client Sample ID: SCH-SGWC-7

Lab Sample ID: 705-38437-2

Date Collected: 07/30/25 10:40

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.2**		1.0	0.98	mg/L			08/09/25 02:05	1
Fluoride	**0.25**		0.20	0.081	mg/L			08/09/25 02:05	1
Sulfate	**4.4**		1.0	0.77	mg/L			08/09/25 02:05	1

Client Sample ID: SCH-SGWC-7

Lab Sample ID: 705-38437-2

Date Collected: 07/30/25 10:40

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 19:41	1
Calcium	**17**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 19:41	1
Lithium	**0.0063**	**J**	0.020	0.0037	mg/L		08/12/25 11:23	08/13/25 13:02	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 12:40	08/12/25 19:58	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 19:58	1
Barium	**0.27**		0.010	0.00041	mg/L		08/11/25 12:40	08/12/25 19:58	1
Beryllium	**0.00021**	**J B**	0.0010	0.00015	mg/L		08/11/25 12:40	08/12/25 19:58	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 12:40	08/12/25 19:58	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 12:40	08/12/25 19:58	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 12:40	08/12/25 19:58	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 12:40	08/12/25 19:58	1
Magnesium	**9.9**		0.10	0.016	mg/L		08/11/25 12:40	08/12/25 19:58	1
Manganese	**0.058**		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 19:58	1
Molybdenum	**0.0012**	**J**	0.0050	0.00069	mg/L		08/11/25 12:40	08/12/25 19:58	1
Potassium	**3.7**		0.10	0.044	mg/L		08/11/25 12:40	08/12/25 19:58	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 12:40	08/12/25 19:58	1
Sodium	**16**		0.50	0.25	mg/L		08/11/25 12:40	08/12/25 19:58	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 12:40	08/12/25 19:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 18:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**120**		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**120**		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	**160**		10	10	mg/L			08/05/25 14:45	1

Client Sample ID: SCH-SGWC-10

Lab Sample ID: 705-38437-3

Date Collected: 07/30/25 13:04

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.3**		1.0	0.98	mg/L			08/09/25 02:17	1
Fluoride	**0.15**	**J**	0.20	0.081	mg/L			08/09/25 02:17	1
Sulfate	**49**		1.0	0.77	mg/L			08/09/25 02:17	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.36**		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 19:44	1
Calcium	**7.9**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 19:44	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/12/25 11:23	08/13/25 13:04	1

Client Sample ID: SCH-SGWC-10

Lab Sample ID: 705-38437-3

Date Collected: 07/30/25 13:04

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 12:40	08/12/25 20:00	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 20:00	1
Barium	**0.055**		0.010	0.00041	mg/L		08/11/25 12:40	08/12/25 20:00	1
Beryllium	**0.00048**	**J B**	0.0010	0.00015	mg/L		08/11/25 12:40	08/12/25 20:00	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 12:40	08/12/25 20:00	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 12:40	08/12/25 20:00	1
Cobalt	**0.015**		0.0050	0.00041	mg/L		08/11/25 12:40	08/12/25 20:00	1
Iron	**1.6**		0.10	0.018	mg/L		08/11/25 12:40	08/12/25 20:00	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 12:40	08/12/25 20:00	1
Magnesium	**9.4**		0.10	0.016	mg/L		08/11/25 12:40	08/12/25 20:00	1
Manganese	**0.54**		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 20:00	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/11/25 12:40	08/12/25 20:00	1
Potassium	**0.39**		0.10	0.044	mg/L		08/11/25 12:40	08/12/25 20:00	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 12:40	08/12/25 20:00	1
Sodium	**8.1**		0.50	0.25	mg/L		08/11/25 12:40	08/12/25 20:00	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 12:40	08/12/25 20:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 18:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**17**		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**17**		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	**120**		10	10	mg/L			08/05/25 14:45	1

Client Sample ID: SCH-AP1-EB-2

Lab Sample ID: 705-38437-4

Date Collected: 07/30/25 15:05

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/09/25 02:28	1
Fluoride	<0.081		0.20	0.081	mg/L			08/09/25 02:28	1
Sulfate	<0.77		1.0	0.77	mg/L			08/09/25 02:28	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 19:47	1
Calcium	**0.046**	**J**	0.10	0.038	mg/L		08/12/25 11:23	08/12/25 19:47	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/12/25 11:23	08/13/25 13:06	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 12:40	08/12/25 20:03	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 20:03	1

Client Sample ID: SCH-AP1-EB-2

Lab Sample ID: 705-38437-4

Date Collected: 07/30/25 15:05

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00041		0.010	0.00041	mg/L		08/11/25 12:40	08/12/25 20:03	1
Beryllium	**0.00033**	**J B**	0.0010	0.00015	mg/L		08/11/25 12:40	08/12/25 20:03	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 12:40	08/12/25 20:03	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 12:40	08/12/25 20:03	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 12:40	08/12/25 20:03	1
Iron	<0.018		0.10	0.018	mg/L		08/11/25 12:40	08/12/25 20:03	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 12:40	08/12/25 20:03	1
Magnesium	<0.016		0.10	0.016	mg/L		08/11/25 12:40	08/12/25 20:03	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 20:03	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/11/25 12:40	08/12/25 20:03	1
Potassium	<0.044		0.10	0.044	mg/L		08/11/25 12:40	08/12/25 20:03	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 12:40	08/12/25 20:03	1
Sodium	<0.25		0.50	0.25	mg/L		08/11/25 12:40	08/12/25 20:03	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 12:40	08/12/25 20:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 18:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/05/25 14:45	1

Client Sample ID: SCH-SGWC-13

Lab Sample ID: 705-38437-5

Date Collected: 07/30/25 14:10

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19**		1.0	0.98	mg/L			08/09/25 02:39	1
Fluoride	**0.083**	**J**	0.20	0.081	mg/L			08/09/25 02:39	1
Sulfate	**170**		10	7.7	mg/L			08/09/25 22:35	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.0**		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 19:50	1
Calcium	**34**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 19:50	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/12/25 11:23	08/13/25 13:08	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 12:40	08/12/25 20:05	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 20:05	1
Barium	**0.047**		0.010	0.00041	mg/L		08/11/25 12:40	08/12/25 20:05	1
Beryllium	**0.00039**	**J B**	0.0010	0.00015	mg/L		08/11/25 12:40	08/12/25 20:05	1

Client Sample ID: SCH-SGWC-13

Lab Sample ID: 705-38437-5

Date Collected: 07/30/25 14:10

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 12:40	08/12/25 20:05	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 12:40	08/12/25 20:05	1
Cobalt	**0.0020**	**J**	0.0050	0.00041	mg/L		08/11/25 12:40	08/12/25 20:05	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 12:40	08/12/25 20:05	1
Magnesium	**12**		0.10	0.016	mg/L		08/11/25 12:40	08/12/25 20:05	1
Manganese	**0.14**		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 20:05	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/11/25 12:40	08/12/25 20:05	1
Potassium	**1.4**		0.10	0.044	mg/L		08/11/25 12:40	08/12/25 20:05	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 12:40	08/12/25 20:05	1
Sodium	**33**		0.50	0.25	mg/L		08/11/25 12:40	08/12/25 20:05	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 12:40	08/12/25 20:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 18:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**15**		3.0	3.0	mg/L			08/13/25 10:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**15**		3.0	3.0	mg/L			08/13/25 10:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/13/25 10:10	1
Total Dissolved Solids (SM 2540C - 2015)	**360**		10	10	mg/L			08/05/25 14:45	1

Client Sample ID: SCH-SGWA-25

Lab Sample ID: 705-38437-6

Date Collected: 07/30/25 14:25

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.6**		1.0	0.98	mg/L			08/09/25 03:25	1
Fluoride	<0.081		0.20	0.081	mg/L			08/09/25 03:25	1
Sulfate	<0.77		1.0	0.77	mg/L			08/09/25 03:25	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 19:53	1
Calcium	**9.6**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 19:53	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/12/25 11:23	08/13/25 13:10	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 12:40	08/12/25 20:07	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 20:07	1
Barium	**0.026**		0.010	0.00041	mg/L		08/11/25 12:40	08/12/25 20:07	1
Beryllium	**0.00047**	**J B**	0.0010	0.00015	mg/L		08/11/25 12:40	08/12/25 20:07	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 12:40	08/12/25 20:07	1
Chromium	**0.0038**	**J**	0.0050	0.0037	mg/L		08/11/25 12:40	08/12/25 20:07	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 12:40	08/12/25 20:07	1

Client Sample ID: SCH-SGWA-25

Lab Sample ID: 705-38437-6

Date Collected: 07/30/25 14:25

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 12:40	08/12/25 20:07	1
Magnesium	**5.7**		0.10	0.016	mg/L		08/11/25 12:40	08/12/25 20:07	1
Manganese	**0.0072**		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 20:07	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/11/25 12:40	08/12/25 20:07	1
Potassium	**0.53**		0.10	0.044	mg/L		08/11/25 12:40	08/12/25 20:07	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 12:40	08/12/25 20:07	1
Sodium	**4.0**		0.50	0.25	mg/L		08/11/25 12:40	08/12/25 20:07	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 12:40	08/12/25 20:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 18:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**55**		3.0	3.0	mg/L			08/13/25 10:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**55**		3.0	3.0	mg/L			08/13/25 10:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/13/25 10:10	1
Total Dissolved Solids (SM 2540C - 2015)	**76**		10	10	mg/L			08/05/25 15:45	1

Client Sample ID: SCH-SGWC-9

Lab Sample ID: 705-38437-7

Date Collected: 07/30/25 12:11

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27**		1.0	0.98	mg/L			08/09/25 03:36	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			08/09/25 03:36	1
Sulfate	**190**		10	7.7	mg/L			08/09/25 22:46	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.3**		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 19:57	1
Calcium	**42**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 19:57	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/12/25 11:23	08/13/25 13:16	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 12:40	08/12/25 20:10	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 20:10	1
Barium	**0.066**		0.010	0.00041	mg/L		08/11/25 12:40	08/12/25 20:10	1
Beryllium	**0.00032**	**J B**	0.0010	0.00015	mg/L		08/11/25 12:40	08/12/25 20:10	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 12:40	08/12/25 20:10	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 12:40	08/12/25 20:10	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 12:40	08/12/25 20:10	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 12:40	08/12/25 20:10	1
Magnesium	**24**		0.10	0.016	mg/L		08/11/25 12:40	08/12/25 20:10	1
Manganese	**0.018**		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 20:10	1

Client Sample ID: SCH-SGWC-9

Lab Sample ID: 705-38437-7

Date Collected: 07/30/25 12:11
Matrix: Water
Date Received: 07/31/25 11:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/11/25 12:40	08/12/25 20:10	1
Potassium	**0.49**		0.10	0.044	mg/L		08/11/25 12:40	08/12/25 20:10	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 12:40	08/12/25 20:10	1
Sodium	**45**		0.50	0.25	mg/L		08/11/25 12:40	08/12/25 20:10	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 12:40	08/12/25 20:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 18:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**90**		3.0	3.0	mg/L			08/13/25 10:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**90**		3.0	3.0	mg/L			08/13/25 10:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/13/25 10:10	1
Total Dissolved Solids (SM 2540C - 2015)	**460**		10	10	mg/L			08/05/25 15:45	1

Client Sample ID: SCH-SGWC-15

Lab Sample ID: 705-38437-8

Date Collected: 07/30/25 11:40
Matrix: Water
Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14**		1.0	0.98	mg/L			08/09/25 03:48	1
Fluoride	**0.18**	**J**	0.20	0.081	mg/L			08/09/25 03:48	1
Sulfate	**200**		10	7.7	mg/L			08/09/25 22:58	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.3**		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 20:00	1
Calcium	**16**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 20:00	1
Lithium	**0.0042**	**J**	0.020	0.0037	mg/L		08/12/25 11:23	08/13/25 13:17	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 12:40	08/12/25 20:12	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 20:12	1
Barium	**0.025**		0.010	0.00041	mg/L		08/11/25 12:40	08/12/25 20:12	1
Beryllium	**0.0011**	**B**	0.0010	0.00015	mg/L		08/11/25 12:40	08/12/25 20:12	1
Cadmium	**0.00040**	**J**	0.00070	0.00024	mg/L		08/11/25 12:40	08/12/25 20:12	1
Chromium	**0.030**		0.0050	0.0037	mg/L		08/11/25 12:40	08/12/25 20:12	1
Cobalt	**0.23**		0.0050	0.00041	mg/L		08/11/25 12:40	08/12/25 20:12	1
Iron	<0.018		0.10	0.018	mg/L		08/11/25 12:40	08/12/25 20:12	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 12:40	08/12/25 20:12	1
Magnesium	**14**		0.10	0.016	mg/L		08/11/25 12:40	08/12/25 20:12	1
Manganese	**3.3**		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 20:12	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/11/25 12:40	08/12/25 20:12	1
Potassium	**4.7**		0.10	0.044	mg/L		08/11/25 12:40	08/12/25 20:12	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-1

Client Sample ID: SCH-SGWC-15

Date Collected: 07/30/25 11:40
Date Received: 07/31/25 11:22

Lab Sample ID: 705-38437-8

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 12:40	08/12/25 20:12	1
Sodium	**49**		0.50	0.25	mg/L		08/11/25 12:40	08/12/25 20:12	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 12:40	08/12/25 20:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 18:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/13/25 10:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/13/25 10:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/13/25 10:10	1
Total Dissolved Solids (SM 2540C - 2015)	**440**		10	10	mg/L			08/05/25 15:45	1

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-1

Client Sample ID: SCH-SGWC-8

Lab Sample ID: 705-38437-1

Date Collected: 07/30/25 09:50

Matrix: Water

Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/09/25 01:54
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 19:38
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74636	DS	EET ATL	08/13/25 13:00
Total Recoverable	Prep	3005A			73968	BR	EET ATL	08/11/25 12:40
Total Recoverable	Analysis	6020B		1	75557	IF	EET ATL	08/12/25 19:31
Total/NA	Prep	7470A			74896	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75064	GR	EET ATL	08/14/25 17:51
Total/NA	Analysis	2320B-2011		1	74363	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Client Sample ID: SCH-SGWC-7

Lab Sample ID: 705-38437-2

Date Collected: 07/30/25 10:40

Matrix: Water

Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/09/25 02:05
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 19:41
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74636	DS	EET ATL	08/13/25 13:02
Total Recoverable	Prep	3005A			73968	BR	EET ATL	08/11/25 12:40
Total Recoverable	Analysis	6020B		1	75557	IF	EET ATL	08/12/25 19:58
Total/NA	Prep	7470A			74896	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75064	GR	EET ATL	08/14/25 18:10
Total/NA	Analysis	2320B-2011		1	74363	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Client Sample ID: SCH-SGWC-10

Lab Sample ID: 705-38437-3

Date Collected: 07/30/25 13:04

Matrix: Water

Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/09/25 02:17
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 19:44
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74636	DS	EET ATL	08/13/25 13:04
Total Recoverable	Prep	3005A			73968	BR	EET ATL	08/11/25 12:40
Total Recoverable	Analysis	6020B		1	75557	IF	EET ATL	08/12/25 20:00
Total/NA	Prep	7470A			74896	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75064	GR	EET ATL	08/14/25 18:14
Total/NA	Analysis	2320B-2011		1	74366	AH	EET ATL	08/12/25 14:05

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-1

Client Sample ID: SCH-SGWC-10
Date Collected: 07/30/25 13:04
Date Received: 07/31/25 11:22

Lab Sample ID: 705-38437-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Client Sample ID: SCH-AP1-EB-2
Date Collected: 07/30/25 15:05
Date Received: 07/31/25 11:22

Lab Sample ID: 705-38437-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/09/25 02:28
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 19:47
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74636	DS	EET ATL	08/13/25 13:06
Total Recoverable	Prep	3005A			73968	BR	EET ATL	08/11/25 12:40
Total Recoverable	Analysis	6020B		1	75557	IF	EET ATL	08/12/25 20:03
Total/NA	Prep	7470A			74896	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75064	GR	EET ATL	08/14/25 18:18
Total/NA	Analysis	2320B-2011		1	74366	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Client Sample ID: SCH-SGWC-13
Date Collected: 07/30/25 14:10
Date Received: 07/31/25 11:22

Lab Sample ID: 705-38437-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/09/25 02:39
Total/NA	Analysis	300.0		10	73703	MS	EET ATL	08/09/25 22:35
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 19:50
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74636	DS	EET ATL	08/13/25 13:08
Total Recoverable	Prep	3005A			73968	BR	EET ATL	08/11/25 12:40
Total Recoverable	Analysis	6020B		1	75557	IF	EET ATL	08/12/25 20:05
Total/NA	Prep	7470A			74896	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75064	GR	EET ATL	08/14/25 18:22
Total/NA	Analysis	2320B-2011		1	74593	AH	EET ATL	08/13/25 10:10
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Client Sample ID: SCH-SGWA-25
Date Collected: 07/30/25 14:25
Date Received: 07/31/25 11:22

Lab Sample ID: 705-38437-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/09/25 03:25

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-1

Client Sample ID: SCH-SGWA-25

Lab Sample ID: 705-38437-6

Date Collected: 07/30/25 14:25

Matrix: Water

Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 19:53
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74636	DS	EET ATL	08/13/25 13:10
Total Recoverable	Prep	3005A			73968	BR	EET ATL	08/11/25 12:40
Total Recoverable	Analysis	6020B		1	75557	IF	EET ATL	08/12/25 20:07
Total/NA	Prep	7470A			74896	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75064	GR	EET ATL	08/14/25 18:26
Total/NA	Analysis	2320B-2011		1	74588	AH	EET ATL	08/13/25 10:10
Total/NA	Analysis	2540C - 2015		1	72584	NN	EET ATL	08/05/25 15:45

Client Sample ID: SCH-SGWC-9

Lab Sample ID: 705-38437-7

Date Collected: 07/30/25 12:11

Matrix: Water

Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/09/25 03:36
Total/NA	Analysis	300.0		10	73703	MS	EET ATL	08/09/25 22:46
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 19:57
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74636	DS	EET ATL	08/13/25 13:16
Total Recoverable	Prep	3005A			73968	BR	EET ATL	08/11/25 12:40
Total Recoverable	Analysis	6020B		1	75557	IF	EET ATL	08/12/25 20:10
Total/NA	Prep	7470A			74896	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75064	GR	EET ATL	08/14/25 18:30
Total/NA	Analysis	2320B-2011		1	74588	AH	EET ATL	08/13/25 10:10
Total/NA	Analysis	2540C - 2015		1	72584	NN	EET ATL	08/05/25 15:45

Client Sample ID: SCH-SGWC-15

Lab Sample ID: 705-38437-8

Date Collected: 07/30/25 11:40

Matrix: Water

Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/09/25 03:48
Total/NA	Analysis	300.0		10	73703	MS	EET ATL	08/09/25 22:58
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 20:00
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74636	DS	EET ATL	08/13/25 13:17
Total Recoverable	Prep	3005A			73968	BR	EET ATL	08/11/25 12:40
Total Recoverable	Analysis	6020B		1	75557	IF	EET ATL	08/12/25 20:12
Total/NA	Prep	7470A			74896	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75064	GR	EET ATL	08/14/25 18:34

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-1

Client Sample ID: SCH-SGWC-15

Date Collected: 07/30/25 11:40
Date Received: 07/31/25 11:22

Lab Sample ID: 705-38437-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2320B-2011		1	74593	AH	EET ATL	08/13/25 10:10
Total/NA	Analysis	2540C - 2015		1	72584	NN	EET ATL	08/05/25 15:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-73533/152
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/09/25 01:06	1
Fluoride	<0.081		0.20	0.081	mg/L			08/09/25 01:06	1
Sulfate	<0.77		1.0	0.77	mg/L			08/09/25 01:06	1

Lab Sample ID: LCS 705-73533/153
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.54		mg/L		95	90 - 110
Fluoride	5.00	4.57		mg/L		91	90 - 110
Sulfate	25.0	23.7		mg/L		95	90 - 110

Lab Sample ID: 705-39223-B-2 MS
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	210	F1	100	293	F1	mg/L		87	90 - 110
Fluoride	18	F2 F1	50.0	60.1	F1	mg/L		84	90 - 110
Sulfate	<7.7		250	240		mg/L		96	90 - 110

Lab Sample ID: 705-39223-B-2 MSD
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	210	F1	100	284	F1	mg/L		77	90 - 110	3	20
Fluoride	18	F2 F1	50.0	48.6	F2 F1	mg/L		60	90 - 110	21	20
Sulfate	<7.7		250	236		mg/L		95	90 - 110	2	20

Lab Sample ID: MB 705-73703/3
Matrix: Water
Analysis Batch: 73703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/09/25 21:26	1
Fluoride	<0.081		0.20	0.081	mg/L			08/09/25 21:26	1
Sulfate	<0.77		1.0	0.77	mg/L			08/09/25 21:26	1

Lab Sample ID: LCS 705-73703/4
Matrix: Water
Analysis Batch: 73703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.86		mg/L		99	90 - 110
Fluoride	5.00	4.87		mg/L		97	90 - 110
Sulfate	25.0	24.4		mg/L		97	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-39413-C-1 MS
Matrix: Water
Analysis Batch: 73703

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.0	F1	10.0	13.7	F1	mg/L		87	90 - 110
Fluoride	0.25		5.00	4.78		mg/L		91	90 - 110
Sulfate	55	F1	25.0	74.2	F1	mg/L		75	90 - 110

Lab Sample ID: 705-39413-C-1 MSD
Matrix: Water
Analysis Batch: 73703

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.0	F1	10.0	13.6	F1	mg/L		86	90 - 110	1	20
Fluoride	0.25		5.00	4.81		mg/L		91	90 - 110	0	20
Sulfate	55	F1	25.0	73.8	F1	mg/L		74	90 - 110	1	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-74201/1-A
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74201

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 18:42	1
Calcium	<0.038		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 18:42	1

Lab Sample ID: MB 705-74201/1-A
Matrix: Water
Analysis Batch: 74636

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74201

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/12/25 11:23	08/13/25 11:42	1

Lab Sample ID: LCS 705-74201/2-A
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.979		mg/L		98	80 - 120
Calcium	10.0	10.1		mg/L		101	80 - 120

Lab Sample ID: LCS 705-74201/2-A
Matrix: Water
Analysis Batch: 74636

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.15		mg/L		115	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-38420-C-2-C MS
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	0.992		mg/L		99	75 - 125
Calcium	6.4		10.0	16.7		mg/L		103	75 - 125

Lab Sample ID: 705-38420-C-2-C MS
Matrix: Water
Analysis Batch: 74636

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037		1.00	1.14		mg/L		114	75 - 125

Lab Sample ID: 705-38420-C-2-D MSD
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.00		mg/L		100	75 - 125	1	20
Calcium	6.4		10.0	16.6		mg/L		102	75 - 125	0	20

Lab Sample ID: 705-38420-C-2-D MSD
Matrix: Water
Analysis Batch: 74636

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.13		mg/L		113	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-73968/1-A
Matrix: Water
Analysis Batch: 75557

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 12:40	08/12/25 19:26	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 19:26	1
Barium	<0.00041		0.010	0.00041	mg/L		08/11/25 12:40	08/12/25 19:26	1
Beryllium	0.000162	J	0.0010	0.00015	mg/L		08/11/25 12:40	08/12/25 19:26	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 12:40	08/12/25 19:26	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 12:40	08/12/25 19:26	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 12:40	08/12/25 19:26	1
Iron	<0.018		0.10	0.018	mg/L		08/11/25 12:40	08/12/25 19:26	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 12:40	08/12/25 19:26	1
Magnesium	<0.016		0.10	0.016	mg/L		08/11/25 12:40	08/12/25 19:26	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/11/25 12:40	08/12/25 19:26	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/11/25 12:40	08/12/25 19:26	1
Potassium	<0.044		0.10	0.044	mg/L		08/11/25 12:40	08/12/25 19:26	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 12:40	08/12/25 19:26	1
Sodium	<0.25		0.50	0.25	mg/L		08/11/25 12:40	08/12/25 19:26	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 12:40	08/12/25 19:26	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-73968/2-A
Matrix: Water
Analysis Batch: 75557

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0992		mg/L		99	80 - 120
Arsenic	0.100	0.0970		mg/L		97	80 - 120
Barium	0.100	0.102		mg/L		102	80 - 120
Beryllium	0.100	0.0938		mg/L		94	80 - 120
Cadmium	0.100	0.0956		mg/L		96	80 - 120
Chromium	0.100	0.0927		mg/L		93	80 - 120
Cobalt	0.100	0.0926		mg/L		93	80 - 120
Iron	1.00	0.932		mg/L		93	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Magnesium	1.00	0.901		mg/L		90	80 - 120
Manganese	0.100	0.0893		mg/L		89	80 - 120
Molybdenum	0.100	0.101		mg/L		101	80 - 120
Potassium	1.00	0.944		mg/L		94	80 - 120
Selenium	0.100	0.0946		mg/L		95	80 - 120
Sodium	1.00	1.08		mg/L		108	80 - 120
Thallium	0.100	0.101		mg/L		101	80 - 120

Lab Sample ID: 705-38437-1 MS
Matrix: Water
Analysis Batch: 75557

Client Sample ID: SCH-SGWC-8
Prep Type: Total Recoverable
Prep Batch: 73968

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0989		mg/L		99	75 - 125
Arsenic	<0.0013		0.100	0.0993		mg/L		99	75 - 125
Barium	0.14		0.100	0.246		mg/L		107	75 - 125
Beryllium	0.00057	J B	0.100	0.0888		mg/L		88	75 - 125
Cadmium	<0.00024		0.100	0.0963		mg/L		96	75 - 125
Chromium	<0.0037		0.100	0.0947		mg/L		95	75 - 125
Cobalt	<0.00041		0.100	0.0918		mg/L		92	75 - 125
Iron	<0.018		1.00	0.968		mg/L		97	75 - 125
Lead	<0.00086		0.100	0.103		mg/L		103	75 - 125
Magnesium	19		1.00	20.6	4	mg/L		121	75 - 125
Manganese	<0.0013		0.100	0.0900		mg/L		90	75 - 125
Molybdenum	<0.00069		0.100	0.102		mg/L		102	75 - 125
Potassium	0.93		1.00	1.83		mg/L		90	75 - 125
Selenium	<0.0023		0.100	0.0932		mg/L		93	75 - 125
Sodium	30		1.00	31.8	4	mg/L		193	75 - 125
Thallium	<0.00019		0.100	0.102		mg/L		102	75 - 125

Lab Sample ID: 705-38437-1 MSD
Matrix: Water
Analysis Batch: 75557

Client Sample ID: SCH-SGWC-8
Prep Type: Total Recoverable
Prep Batch: 73968

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0985		mg/L		98	75 - 125	0	20
Arsenic	<0.0013		0.100	0.0958		mg/L		96	75 - 125	4	20
Barium	0.14		0.100	0.240		mg/L		101	75 - 125	2	20
Beryllium	0.00057	J B	0.100	0.0897		mg/L		89	75 - 125	1	20
Cadmium	<0.00024		0.100	0.0937		mg/L		94	75 - 125	3	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38437-1 MSD — **Client Sample ID: SCH-SGWC-8**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 75557 — **Prep Batch: 73968**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	<0.0037		0.100	0.0934		mg/L		93	75 - 125	1	20
Cobalt	<0.00041		0.100	0.0901		mg/L		90	75 - 125	2	20
Iron	<0.018		1.00	0.943		mg/L		94	75 - 125	3	20
Lead	<0.00086		0.100	0.101		mg/L		101	75 - 125	2	20
Magnesium	19		1.00	20.3	4	mg/L		95	75 - 125	1	20
Manganese	<0.0013		0.100	0.0901		mg/L		90	75 - 125	0	20
Molybdenum	<0.00069		0.100	0.102		mg/L		102	75 - 125	0	20
Potassium	0.93		1.00	1.83		mg/L		90	75 - 125	0	20
Selenium	<0.0023		0.100	0.0913		mg/L		91	75 - 125	2	20
Sodium	30		1.00	31.8	4	mg/L		187	75 - 125	0	20
Thallium	<0.00019		0.100	0.100		mg/L		100	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-74896/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75064 — **Prep Batch: 74896**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000174	J	0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 17:43	1

Lab Sample ID: LCS 705-74896/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75064 — **Prep Batch: 74896**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00398		mg/L		100	80 - 120

Lab Sample ID: 705-38437-1 MS — **Client Sample ID: SCH-SGWC-8**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75064 — **Prep Batch: 74896**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00017	J B	0.00400	0.00380		mg/L		95	75 - 125

Lab Sample ID: 705-38437-1 MSD — **Client Sample ID: SCH-SGWC-8**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75064 — **Prep Batch: 74896**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00017	J B	0.00400	0.00381		mg/L		95	75 - 125	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-74363/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	126		mg/L		101	90 - 110

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: LCS 705-74363/1
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bicarbonate Alkalinity as CaCO3	125	126		mg/L		101	90 - 110

Lab Sample ID: 705-38256-A-16 DU
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	59		58.6		mg/L		0.9	30
Bicarbonate Alkalinity as CaCO3	59		58.6		mg/L		0.9	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Lab Sample ID: LCS 705-74588/1
Matrix: Water
Analysis Batch: 74588

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	125		mg/L		100	90 - 110
Bicarbonate Alkalinity as CaCO3	125	125		mg/L		100	90 - 110

Lab Sample ID: 705-38437-6 DU
Matrix: Water
Analysis Batch: 74588

Client Sample ID: SCH-SGWA-25
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	55		54.8		mg/L		0	30
Bicarbonate Alkalinity as CaCO3	55		54.8		mg/L		0	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-72578/1
Matrix: Water
Analysis Batch: 72578

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/05/25 14:45	1

Lab Sample ID: LCS 705-72578/2
Matrix: Water
Analysis Batch: 72578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	944		mg/L		95	80 - 120

Lab Sample ID: 705-38370-F-1 DU
Matrix: Water
Analysis Batch: 72578

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	400		405		mg/L		0.5	10

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: MB 705-72584/1
Matrix: Water
Analysis Batch: 72584

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/05/25 15:45	1

Lab Sample ID: LCS 705-72584/2
Matrix: Water
Analysis Batch: 72584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1060		mg/L		106	80 - 120		

Lab Sample ID: 705-38480-A-1 DU
Matrix: Water
Analysis Batch: 72584

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1900			1960		mg/L				1	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38437-1
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/27/2025 10:05:49 AM

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

705-38624-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
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Sample Summary

Client: Southern Company
Job ID: 705-38624-1
Project/Site: CCR - Plant Scherer Ash Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38624-1	SCH-SGWA-5	Water	07/31/25 10:30	08/01/25 15:30	Georgia
705-38624-2	SCH-AP1-FB-1	Water	07/31/25 11:13	08/01/25 15:30	Georgia
705-38624-3	SCH-SGWC-11	Water	07/31/25 14:45	08/01/25 15:30	Georgia
705-38624-4	SCH-AP1-FB-2	Water	07/31/25 16:00	08/01/25 15:30	Georgia
705-38624-5	SCH-SGWC-12	Water	07/31/25 09:32	08/01/25 15:30	Georgia
705-38624-6	SCH-SGWC-14	Water	07/31/25 10:58	08/01/25 15:30	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: JACOB STUCKY	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-38624 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers
				Preservation Code:			N	N	D	D	D	D		D	D	D	N			
SCH-SGWA-5	7/31/25	1030	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-AP1-FB-1	7/31/25	1113	G	WQ			X	X	X	X		X		X	X	X	X			5
SCH-SGWC-11	7/31/25	1445	G	WG			X	X	X		X	X		X	X	X	X			5
SCH-AP1-FB-2	7/31/25	1600	G	WQ			X	X	X		X	X		X	X	X	X			5
SCH-SGWC-12	7/31/25	0932	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWC-14	7/31/25	1058	G	WG			X	X	X		X	X		X	X	X	X			5

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For _____ Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Joju Abraham	8/1/25 1530	WSP		8/1/25 1530	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.9 2.1 3.0 #2665

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38624-1

Login Number: 38624

List Source: Eurofins Atlanta

List Number: 1

Creator: Sims, Christion

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-38624-1
Project/Site: CCR - Plant Scherer Ash Pond

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38624-1 — Eurofins Atlanta

Job Narrative
705-38624-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/1/2025 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.1°C, 2.9°C and 3.0°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The method blank for preparation batch 705-74800 contained Boron above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6010D: The method blank for preparation batch 705-74800 and analytical batch 705-75249 contained Boron above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-74704 and analytical batch 705-75539 contained Magnesium and Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-74704 contained Potassium above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-74704 and analytical batch 705-75539 contained Potassium above the <reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38624-1

Client Sample ID: SCH-SGWA-5 — Lab Sample ID: 705-38624-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.1		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	1.7		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.012		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	0.50	B	0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.0041	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	0.48		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.7		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	27		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	27		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	82		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-AP1-FB-1 — Lab Sample ID: 705-38624-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sodium	0.29	J	0.50	0.25	mg/L	1		6020B	Total Recoverable

Client Sample ID: SCH-SGWC-11 — Lab Sample ID: 705-38624-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	28		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.86		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	3.1		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.087		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00032	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.017		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	1.2		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	1.7	B	0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.64		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	0.73		0.50	0.22	mg/L	5		6020B	Total Recoverable
Sodium	17		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	97		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-AP1-FB-2 — Lab Sample ID: 705-38624-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.096	J	0.20	0.081	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: SCH-AP1-FB-2 (Continued)

Lab Sample ID: 705-38624-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	0.30	J	0.50	0.25	mg/L	1		6020B	Total Recoverable

Client Sample ID: SCH-SGWC-12

Lab Sample ID: 705-38624-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	86		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	25		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.073		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0017	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	12	B	0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.45		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	0.62		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	14		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	57		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	57		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	260		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWC-14

Lab Sample ID: 705-38624-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	17		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	220		10	7.7	mg/L	10		300.0	Total/NA
Boron	1.4	B	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	29		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.031		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00022	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.039		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.17		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	17	B	0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.72		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	1.9	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	39		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	8.5		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	8.5		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	420		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-SGWA-5

Lab Sample ID: 705-38624-1

Date Collected: 07/31/25 10:30

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.1**		1.0	0.98	mg/L			08/14/25 05:45	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			08/14/25 05:45	1
Sulfate	<0.77		1.0	0.77	mg/L			08/14/25 05:45	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/14/25 08:24	08/15/25 11:49	1
Calcium	**1.7**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 11:49	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/14/25 08:24	08/19/25 09:07	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:59	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:59	1
Barium	**0.012**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:59	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:59	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:59	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:59	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:59	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:59	1
Magnesium	**0.50**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:59	1
Manganese	**0.0041**	**J**	0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:59	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/13/25 20:15	08/15/25 20:59	1
Potassium	**0.48**		0.10	0.044	mg/L		08/22/25 07:25	08/22/25 22:19	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:59	1
Sodium	**8.7**		0.50	0.25	mg/L		08/13/25 20:15	08/15/25 20:59	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/18/25 10:33	08/18/25 17:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**27**		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**27**		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	**82**		10	10	mg/L			08/06/25 15:15	1

Client Sample ID: SCH-AP1-FB-1

Lab Sample ID: 705-38624-2

Date Collected: 07/31/25 11:13

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/14/25 17:47	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			08/14/25 17:47	1
Sulfate	<0.77		1.0	0.77	mg/L			08/14/25 17:47	1

Client Sample ID: SCH-AP1-FB-1
Lab Sample ID: 705-38624-2

Date Collected: 07/31/25 11:13
Matrix: Water
Date Received: 08/01/25 15:30

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/14/25 08:24	08/15/25 11:52	1
Calcium	<0.038		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 11:52	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/14/25 08:24	08/19/25 09:09	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 21:02	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 21:02	1
Barium	<0.00041		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 21:02	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 21:02	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 21:02	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 21:02	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 21:02	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 21:02	1
Magnesium	<0.016		0.10	0.016	mg/L		08/13/25 20:15	08/15/25 21:02	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 21:02	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/13/25 20:15	08/15/25 21:02	1
Potassium	<0.044		0.10	0.044	mg/L		08/22/25 07:25	08/22/25 22:26	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 21:02	1
Sodium	**0.29**	**J**	0.50	0.25	mg/L		08/13/25 20:15	08/15/25 21:02	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 21:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/18/25 10:33	08/18/25 17:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/06/25 15:15	1

Client Sample ID: SCH-SGWC-11
Lab Sample ID: 705-38624-3

Date Collected: 07/31/25 14:45
Matrix: Water
Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11**		1.0	0.98	mg/L			08/14/25 16:15	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			08/14/25 16:15	1
Sulfate	**28**		1.0	0.77	mg/L			08/14/25 16:15	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.86**		0.080	0.026	mg/L		08/19/25 12:15	08/19/25 14:15	1
Calcium	**3.1**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 11:55	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/14/25 08:24	08/19/25 09:14	1

Client Sample ID: SCH-SGWC-11

Lab Sample ID: 705-38624-3

Date Collected: 07/31/25 14:45

Matrix: Water

Date Received: 08/01/25 15:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:44	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:44	1
Barium	**0.087**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:44	1
Beryllium	**0.00032**	**J**	0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:44	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:44	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:44	1
Cobalt	**0.017**		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:44	1
Iron	**1.2**		0.10	0.018	mg/L		08/13/25 20:15	08/15/25 20:44	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:44	1
Magnesium	**1.7**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:44	1
Manganese	**0.64**		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:44	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/13/25 20:15	08/15/25 20:44	1
Potassium	**0.73**		0.50	0.22	mg/L		08/13/25 20:15	08/21/25 15:50	5
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:44	1
Sodium	**17**		0.50	0.25	mg/L		08/13/25 20:15	08/15/25 20:44	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/18/25 10:33	08/18/25 18:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**11**		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**11**		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	**97**		10	10	mg/L			08/06/25 15:15	1

Client Sample ID: SCH-AP1-FB-2

Lab Sample ID: 705-38624-4

Date Collected: 07/31/25 16:00

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/14/25 22:22	1
Fluoride	**0.096**	**J**	0.20	0.081	mg/L			08/14/25 22:22	1
Sulfate	<0.77		1.0	0.77	mg/L			08/14/25 22:22	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/14/25 08:24	08/15/25 11:58	1
Calcium	<0.038		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 11:58	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/14/25 08:24	08/19/25 09:16	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 21:24	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 21:24	1

Client Sample ID: SCH-AP1-FB-2

Lab Sample ID: 705-38624-4

Date Collected: 07/31/25 16:00

Matrix: Water

Date Received: 08/01/25 15:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00041		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 21:24	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 21:24	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 21:24	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 21:24	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 21:24	1
Iron	<0.018		0.10	0.018	mg/L		08/13/25 20:15	08/15/25 21:24	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 21:24	1
Magnesium	<0.016		0.10	0.016	mg/L		08/13/25 20:15	08/15/25 21:24	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 21:24	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/13/25 20:15	08/15/25 21:24	1
Potassium	<0.044		0.10	0.044	mg/L		08/13/25 20:15	08/15/25 21:24	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 21:24	1
Sodium	**0.30**	**J**	0.50	0.25	mg/L		08/13/25 20:15	08/15/25 21:24	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 21:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/18/25 10:33	08/18/25 18:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/06/25 15:15	1

Client Sample ID: SCH-SGWC-12

Lab Sample ID: 705-38624-5

Date Collected: 07/31/25 09:32

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.7**		1.0	0.98	mg/L			08/14/25 22:34	1
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			08/14/25 22:34	1
Sulfate	**86**		1.0	0.77	mg/L			08/14/25 22:34	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/14/25 08:24	08/15/25 12:01	1
Calcium	**25**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 12:01	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/14/25 08:24	08/19/25 09:18	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 21:21	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 21:21	1
Barium	**0.073**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 21:21	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 21:21	1

Client Sample ID: SCH-SGWC-12

Lab Sample ID: 705-38624-5

Date Collected: 07/31/25 09:32

Matrix: Water

Date Received: 08/01/25 15:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 21:21	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 21:21	1
Cobalt	**0.0017**	**J**	0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 21:21	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 21:21	1
Magnesium	**12**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 21:21	1
Manganese	**0.45**		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 21:21	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/13/25 20:15	08/15/25 21:21	1
Potassium	**0.62**		0.10	0.044	mg/L		08/22/25 07:25	08/26/25 19:50	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 21:21	1
Sodium	**14**		0.50	0.25	mg/L		08/13/25 20:15	08/15/25 21:21	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 21:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/18/25 10:33	08/18/25 18:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**57**		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**57**		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	**260**		10	10	mg/L			08/06/25 15:15	1

Client Sample ID: SCH-SGWC-14

Lab Sample ID: 705-38624-6

Date Collected: 07/31/25 10:58

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17**		1.0	0.98	mg/L			08/14/25 22:45	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			08/14/25 22:45	1
Sulfate	**220**		10	7.7	mg/L			08/15/25 13:46	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.4**	**B**	0.080	0.026	mg/L		08/14/25 08:24	08/15/25 12:10	1
Calcium	**29**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 12:10	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/14/25 08:24	08/19/25 09:20	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 21:26	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 21:26	1
Barium	**0.031**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 21:26	1
Beryllium	**0.00022**	**J**	0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 21:26	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 21:26	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 21:26	1
Cobalt	**0.039**		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 21:26	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38624-1

Client Sample ID: SCH-SGWC-14
Date Collected: 07/31/25 10:58
Date Received: 08/01/25 15:30

Lab Sample ID: 705-38624-6
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.17**		0.10	0.018	mg/L		08/13/25 20:15	08/15/25 21:26	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 21:26	1
Magnesium	**17**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 21:26	1
Manganese	**0.72**		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 21:26	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/13/25 20:15	08/15/25 21:26	1
Potassium	**1.9**	**B**	0.10	0.044	mg/L		08/13/25 20:15	08/15/25 21:26	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 21:26	1
Sodium	**39**		0.50	0.25	mg/L		08/13/25 20:15	08/15/25 21:26	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 21:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/18/25 10:33	08/18/25 18:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**8.5**		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**8.5**		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	**420**		10	10	mg/L			08/06/25 15:15	1

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38624-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38624-1

Client Sample ID: SCH-SGWA-5

Lab Sample ID: 705-38624-1

Date Collected: 07/31/25 10:30

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	74515	MS	EET ATL	08/14/25 05:45
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 11:49
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75912	DS	EET ATL	08/19/25 09:07
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 20:59
Total Recoverable	Prep	3005A			76686	EF	EET ATL	08/22/25 07:25
Total Recoverable	Analysis	6020B		1	77027	MD	EET ATL	08/22/25 22:19
Total/NA	Prep	7470A			75602	GR	EET ATL	08/18/25 10:33
Total/NA	Analysis	7470A		1	76123	GR	EET ATL	08/18/25 17:52
Total/NA	Analysis	2320B-2011		1	74933	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72675	NN	EET ATL	08/06/25 15:15

Client Sample ID: SCH-AP1-FB-1

Lab Sample ID: 705-38624-2

Date Collected: 07/31/25 11:13

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	74889	MS	EET ATL	08/14/25 17:47
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 11:52
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75912	DS	EET ATL	08/19/25 09:09
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 21:02
Total Recoverable	Prep	3005A			76686	EF	EET ATL	08/22/25 07:25
Total Recoverable	Analysis	6020B		1	77027	MD	EET ATL	08/22/25 22:26
Total/NA	Prep	7470A			75602	GR	EET ATL	08/18/25 10:33
Total/NA	Analysis	7470A		1	76123	GR	EET ATL	08/18/25 17:56
Total/NA	Analysis	2320B-2011		1	74942	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72675	NN	EET ATL	08/06/25 15:15

Client Sample ID: SCH-SGWC-11

Lab Sample ID: 705-38624-3

Date Collected: 07/31/25 14:45

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	74889	MS	EET ATL	08/14/25 16:15
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 11:55
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75912	DS	EET ATL	08/19/25 09:14

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38624-1

Client Sample ID: SCH-SGWC-11

Lab Sample ID: 705-38624-3

Date Collected: 07/31/25 14:45

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			75854	EF	EET ATL	08/19/25 12:15
Total/NA	Analysis	6010D		1	75930	DS	EET ATL	08/19/25 14:15
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 20:44
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		5	76643	IF	EET ATL	08/21/25 15:50
Total/NA	Prep	7470A			75602	GR	EET ATL	08/18/25 10:33
Total/NA	Analysis	7470A		1	76123	GR	EET ATL	08/18/25 18:00
Total/NA	Analysis	2320B-2011		1	74942	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72675	NN	EET ATL	08/06/25 15:15

Client Sample ID: SCH-AP1-FB-2

Lab Sample ID: 705-38624-4

Date Collected: 07/31/25 16:00

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	74889	MS	EET ATL	08/14/25 22:22
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 11:58
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75912	DS	EET ATL	08/19/25 09:16
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 21:24
Total/NA	Prep	7470A			75602	GR	EET ATL	08/18/25 10:33
Total/NA	Analysis	7470A		1	76123	GR	EET ATL	08/18/25 18:04
Total/NA	Analysis	2320B-2011		1	74942	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72675	NN	EET ATL	08/06/25 15:15

Client Sample ID: SCH-SGWC-12

Lab Sample ID: 705-38624-5

Date Collected: 07/31/25 09:32

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	74889	MS	EET ATL	08/14/25 22:34
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 12:01
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75912	DS	EET ATL	08/19/25 09:18
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 21:21
Total Recoverable	Prep	3005A			76686	EF	EET ATL	08/22/25 07:25
Total Recoverable	Analysis	6020B		1	77705	MD	EET ATL	08/26/25 19:50
Total/NA	Prep	7470A			75602	GR	EET ATL	08/18/25 10:33
Total/NA	Analysis	7470A		1	76123	GR	EET ATL	08/18/25 18:08

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38624-1

Client Sample ID: SCH-SGWC-12

Lab Sample ID: 705-38624-5

Date Collected: 07/31/25 09:32

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2320B-2011		1	74933	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72675	NN	EET ATL	08/06/25 15:15

Client Sample ID: SCH-SGWC-14

Lab Sample ID: 705-38624-6

Date Collected: 07/31/25 10:58

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	74889	MS	EET ATL	08/14/25 22:45
Total/NA	Analysis	300.0		10	75183	MS	EET ATL	08/15/25 13:46
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 12:10
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75912	DS	EET ATL	08/19/25 09:20
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 21:26
Total/NA	Prep	7470A			75602	GR	EET ATL	08/18/25 10:33
Total/NA	Analysis	7470A		1	76123	GR	EET ATL	08/18/25 18:12
Total/NA	Analysis	2320B-2011		1	74942	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72675	NN	EET ATL	08/06/25 15:15

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-74515/121
Matrix: Water
Analysis Batch: 74515

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/14/25 00:13	1
Fluoride	<0.081		0.20	0.081	mg/L			08/14/25 00:13	1
Sulfate	<0.77		1.0	0.77	mg/L			08/14/25 00:13	1

Lab Sample ID: LCS 705-74515/122
Matrix: Water
Analysis Batch: 74515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.35		mg/L		93	90 - 110
Fluoride	5.00	4.51		mg/L		90	90 - 110
Sulfate	25.0	22.6		mg/L		91	90 - 110

Lab Sample ID: 705-39717-B-8 MS
Matrix: Water
Analysis Batch: 74515

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.8	F1	10.0	16.6	F1	mg/L		88	90 - 110
Fluoride	0.12	J F1	5.00	4.46	F1	mg/L		87	90 - 110
Sulfate	2.0		25.0	24.5		mg/L		90	90 - 110

Lab Sample ID: 705-39717-B-8 MSD
Matrix: Water
Analysis Batch: 74515

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.8	F1	10.0	16.7	F1	mg/L		89	90 - 110	0	20
Fluoride	0.12	J F1	5.00	4.60		mg/L		90	90 - 110	3	20
Sulfate	2.0		25.0	25.2		mg/L		93	90 - 110	3	20

Lab Sample ID: MB 705-74889/1002
Matrix: Water
Analysis Batch: 74889

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/14/25 10:52	1
Fluoride	<0.081		0.20	0.081	mg/L			08/14/25 10:52	1
Sulfate	<0.77		1.0	0.77	mg/L			08/14/25 10:52	1

Lab Sample ID: MB 705-74889/118
Matrix: Water
Analysis Batch: 74889

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/14/25 17:24	1
Fluoride	<0.081		0.20	0.081	mg/L			08/14/25 17:24	1
Sulfate	<0.77		1.0	0.77	mg/L			08/14/25 17:24	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 705-74889/1001
Matrix: Water
Analysis Batch: 74889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	9.63		mg/L		96	90 - 110		
Fluoride			5.00	4.51		mg/L		90	90 - 110		
Sulfate			25.0	23.7		mg/L		95	90 - 110		

Lab Sample ID: LCS 705-74889/119
Matrix: Water
Analysis Batch: 74889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	9.31		mg/L		93	90 - 110		
Fluoride			5.00	4.51		mg/L		90	90 - 110		
Sulfate			25.0	23.1		mg/L		92	90 - 110		

Lab Sample ID: 705-38624-2 MS
Matrix: Water
Analysis Batch: 74889

Client Sample ID: SCH-AP1-FB-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<0.98		10.0	9.48		mg/L		95	90 - 110		
Fluoride	0.11	J	5.00	4.64		mg/L		91	90 - 110		
Sulfate	<0.77		25.0	23.7		mg/L		95	90 - 110		

Lab Sample ID: 705-38624-2 MSD
Matrix: Water
Analysis Batch: 74889

Client Sample ID: SCH-AP1-FB-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<0.98		10.0	9.26		mg/L		93	90 - 110	2	20
Fluoride	0.11	J	5.00	4.65		mg/L		91	90 - 110	0	20
Sulfate	<0.77		25.0	23.8		mg/L		95	90 - 110	0	20

Lab Sample ID: 705-39803-A-1 MS
Matrix: Water
Analysis Batch: 74889

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4.3	F1	10.0	13.0	F1	mg/L		87	90 - 110		
Fluoride	<0.081	F1	5.00	4.33	F1	mg/L		87	90 - 110		
Sulfate	<0.77		25.0	23.3		mg/L		93	90 - 110		

Lab Sample ID: 705-39803-A-1 MSD
Matrix: Water
Analysis Batch: 74889

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.3	F1	10.0	12.9	F1	mg/L		87	90 - 110	0	20
Fluoride	<0.081	F1	5.00	4.42	F1	mg/L		88	90 - 110	2	20
Sulfate	<0.77		25.0	23.5		mg/L		94	90 - 110	1	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 705-75183/1002
Matrix: Water
Analysis Batch: 75183

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/15/25 11:52	1
Fluoride	<0.081		0.20	0.081	mg/L			08/15/25 11:52	1
Sulfate	<0.77		1.0	0.77	mg/L			08/15/25 11:52	1

Lab Sample ID: LCS 705-75183/1001
Matrix: Water
Analysis Batch: 75183

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.60		mg/L		96	90 - 110
Fluoride	5.00	4.62		mg/L		92	90 - 110
Sulfate	25.0	23.3		mg/L		93	90 - 110

Lab Sample ID: 705-40022-A-2 MS
Matrix: Water
Analysis Batch: 75183

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.6		10.0	10.8		mg/L		92	90 - 110
Fluoride	0.098	J F1	5.00	4.46	F1	mg/L		87	90 - 110
Sulfate	<0.77		25.0	23.8		mg/L		95	90 - 110

Lab Sample ID: 705-40022-A-2 MSD
Matrix: Water
Analysis Batch: 75183

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.6		10.0	10.9		mg/L		93	90 - 110	1	20
Fluoride	0.098	J F1	5.00	4.66		mg/L		91	90 - 110	4	20
Sulfate	<0.77		25.0	23.8		mg/L		95	90 - 110	0	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-74800/1-A
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.110		0.080	0.026	mg/L		08/14/25 08:24	08/15/25 11:18	1
Calcium	<0.038		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 11:18	1

Lab Sample ID: MB 705-74800/1-A
Matrix: Water
Analysis Batch: 75912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/14/25 08:24	08/19/25 08:53	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 705-74800/2-A
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	10.0	9.78		mg/L		98	80 - 120

Lab Sample ID: LCS 705-74800/2-A
Matrix: Water
Analysis Batch: 75912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.18		mg/L		118	80 - 120

Lab Sample ID: 705-39235-E-2-B MS
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.035	J B	1.00	0.988		mg/L		95	75 - 125
Calcium	3.2		10.0	12.9		mg/L		97	75 - 125

Lab Sample ID: 705-39235-E-2-B MS
Matrix: Water
Analysis Batch: 75912

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037		1.00	1.21		mg/L		121	75 - 125

Lab Sample ID: 705-39235-E-2-C MSD
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.035	J B	1.00	0.985		mg/L		95	75 - 125	0	20
Calcium	3.2		10.0	12.9		mg/L		97	75 - 125	0	20

Lab Sample ID: 705-39235-E-2-C MSD
Matrix: Water
Analysis Batch: 75912

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.21		mg/L		121	75 - 125	0	20

Lab Sample ID: MB 705-75854/1-A
Matrix: Water
Analysis Batch: 75930

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75854

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/19/25 12:15	08/19/25 13:23	1
Calcium	<0.038		0.10	0.038	mg/L		08/19/25 12:15	08/19/25 13:23	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 705-75854/2-A
Matrix: Water
Analysis Batch: 75930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75854

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.102		mg/L		102	80 - 120
Calcium	1.00	0.938		mg/L		94	80 - 120

Lab Sample ID: 705-38619-B-2-H MS
Matrix: Water
Analysis Batch: 75930

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 75854

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.14	F1	0.200	0.238	F1	mg/L		51	75 - 125
Calcium	38		2.00	39.7	4	mg/L		69	75 - 125

Lab Sample ID: 705-38619-B-2-I MSD
Matrix: Water
Analysis Batch: 75930

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 75854

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.14	F1	0.200	0.240	F1	mg/L		52	75 - 125	1	20
Calcium	38		2.00	40.3	4	mg/L		97	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-74704/1-A
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:00	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:00	1
Barium	<0.00041		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:00	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:00	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:00	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:00	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:00	1
Iron	<0.018		0.10	0.018	mg/L		08/13/25 20:15	08/15/25 20:00	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:00	1
Magnesium	0.0254	J	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:00	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:00	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/13/25 20:15	08/15/25 20:00	1
Potassium	0.145		0.10	0.044	mg/L		08/13/25 20:15	08/15/25 20:00	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:00	1
Sodium	<0.25		0.50	0.25	mg/L		08/13/25 20:15	08/15/25 20:00	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:00	1

Lab Sample ID: LCS 705-74704/2-A
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0975		mg/L		98	80 - 120
Arsenic	0.100	0.0972		mg/L		97	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-74704/2-A
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.100	0.0998		mg/L		100	80 - 120
Cadmium	0.100	0.103		mg/L		103	80 - 120
Chromium	0.100	0.0933		mg/L		93	80 - 120
Cobalt	0.100	0.0963		mg/L		96	80 - 120
Iron	1.00	0.972		mg/L		97	80 - 120
Lead	0.100	0.0984		mg/L		98	80 - 120
Magnesium	1.00	0.925		mg/L		93	80 - 120
Manganese	0.100	0.0936		mg/L		94	80 - 120
Molybdenum	0.100	0.101		mg/L		101	80 - 120
Potassium	1.00	1.01		mg/L		101	80 - 120
Selenium	0.100	0.101		mg/L		101	80 - 120
Sodium	1.00	1.06		mg/L		106	80 - 120
Thallium	0.100	0.0986		mg/L		99	80 - 120

Lab Sample ID: 705-38619-B-1-B MS
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0968		mg/L		97	75 - 125
Arsenic	<0.0013		0.100	0.0949		mg/L		95	75 - 125
Barium	0.031		0.100	0.130		mg/L		99	75 - 125
Beryllium	<0.00015		0.100	0.0920		mg/L		92	75 - 125
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125
Chromium	0.0083		0.100	0.0980		mg/L		90	75 - 125
Cobalt	<0.00041		0.100	0.0931		mg/L		93	75 - 125
Iron	0.042	J	1.00	0.978		mg/L		94	75 - 125
Lead	<0.00086		0.100	0.0968		mg/L		97	75 - 125
Magnesium	7.8	B	1.00	8.98	4	mg/L		119	75 - 125
Manganese	0.024		0.100	0.117		mg/L		93	75 - 125
Molybdenum	<0.00069		0.100	0.101		mg/L		101	75 - 125
Potassium	1.1	B	1.00	1.91		mg/L		83	75 - 125
Selenium	<0.0023		0.100	0.0941		mg/L		94	75 - 125
Sodium	7.6		1.00	8.39	4	mg/L		77	75 - 125
Thallium	<0.00019		0.100	0.0978		mg/L		98	75 - 125

Lab Sample ID: 705-38619-B-1-C MSD
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0979		mg/L		98	75 - 125	1	20
Arsenic	<0.0013		0.100	0.0936		mg/L		94	75 - 125	1	20
Barium	0.031		0.100	0.130		mg/L		98	75 - 125	0	20
Beryllium	<0.00015		0.100	0.0928		mg/L		93	75 - 125	1	20
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125	0	20
Chromium	0.0083		0.100	0.0970		mg/L		89	75 - 125	1	20
Cobalt	<0.00041		0.100	0.0923		mg/L		92	75 - 125	1	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38619-B-1-C MSD
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	0.042	J	1.00	0.977		mg/L		94	75 - 125	0	20
Lead	<0.00086		0.100	0.0967		mg/L		97	75 - 125	0	20
Magnesium	7.8	B	1.00	8.99	4	mg/L		120	75 - 125	0	20
Manganese	0.024		0.100	0.115		mg/L		91	75 - 125	1	20
Molybdenum	<0.00069		0.100	0.101		mg/L		101	75 - 125	0	20
Potassium	1.1	B	1.00	1.89		mg/L		82	75 - 125	1	20
Selenium	<0.0023		0.100	0.0956		mg/L		96	75 - 125	2	20
Sodium	7.6		1.00	8.45	4	mg/L		83	75 - 125	1	20
Thallium	<0.00019		0.100	0.0971		mg/L		97	75 - 125	1	20

Lab Sample ID: MB 705-76686/1-A
Matrix: Water
Analysis Batch: 77027

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 76686

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		08/22/25 07:25	08/22/25 21:26	1

Lab Sample ID: LCS 705-76686/2-A
Matrix: Water
Analysis Batch: 77027

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 76686

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	1.00	0.946		mg/L		95	80 - 120

Lab Sample ID: 705-38619-B-6-E MS
Matrix: Water
Analysis Batch: 77027

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 76686

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	1.5		1.00	2.50		mg/L		104	75 - 125

Lab Sample ID: 705-38619-B-6-F MSD
Matrix: Water
Analysis Batch: 77027

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 76686

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	1.5		1.00	2.50		mg/L		104	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-75602/1-A
Matrix: Water
Analysis Batch: 76123

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75602

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/18/25 10:33	08/18/25 17:13	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 705-75602/2-A
Matrix: Water
Analysis Batch: 76123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75602

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.0400	0.0403		mg/L		101	80 - 120

Lab Sample ID: 705-38619-B-4-D MS
Matrix: Water
Analysis Batch: 76123

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 75602

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.0400	0.0386		mg/L		96	75 - 125

Lab Sample ID: 705-38619-B-4-E MSD
Matrix: Water
Analysis Batch: 76123

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 75602

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.0400	0.0363		mg/L		91	75 - 125	6	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-74933/1
Matrix: Water
Analysis Batch: 74933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	125		mg/L		100	90 - 110
Bicarbonate Alkalinity as CaCO3	125	125		mg/L		100	90 - 110

Lab Sample ID: 705-38617-A-1 DU
Matrix: Water
Analysis Batch: 74933

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	77		77.5		mg/L		0.4	30
Bicarbonate Alkalinity as CaCO3	77		77.5		mg/L		0.4	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-72675/1
Matrix: Water
Analysis Batch: 72675

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/06/25 15:15	1

Lab Sample ID: LCS 705-72675/2
Matrix: Water
Analysis Batch: 72675

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	960		mg/L		96	80 - 120

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38624-1

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: 705-38750-C-1 DU
Matrix: Water
Analysis Batch: 72675

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1500			1420		mg/L				6	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38624-1
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

705-37774-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

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Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-37774-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-37774-1	SCH-SGWC-16	Water	07/23/25 13:33	07/24/25 10:45	Georgia
705-37774-2	SCH-AP1-FD-2	Water	07/23/25 00:00	07/24/25 10:45	Georgia
705-37774-3	SCH-SGWC-17	Water	07/23/25 15:39	07/24/25 10:45	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: Dana Bloomfield	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 404-242-7557	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504533 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn	6020B - App IV Metals + Mg, Na, K, Mn, Fe	7470A - App IV Mercury		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers
			Preservation Code:				N	N	D	D	D	D		D	D	D	N			
SCH-SGWC-16	7/23/25	1333	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-AP1-FD-2	7/23/25	-	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWC-17	7/23/25	1539	G	WG			X	X	X	X		X		X	X	X	X			5

705-37774 COC

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Level II Data Report

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	7/24/25 0825	WSI	MIKE GEMMILL	7/24/25 825	Courier Now
MIKE GEMMILL	7/24/25 1045	Courier Now		7.24.25	1045
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: # 2665 CR 3.1 3.2 3.0 4.9 4.4

Ver: 01/16/2019

8/27/2025

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-53690.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-37774-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/26/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Ash Pond	Project #: 70504534			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-SGWC-16 (705-37774-1)	7/23/25	13:33 Eastern	G	Water			X	X	X	2	
SCH-AP1-FD-2 (705-37774-2)	7/23/25	Eastern	G	Water			X	X	X	2	
SCH-SGWC-17 (705-37774-3)	7/23/25	15:39 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		7/24/25 1700		M. Pinette	JUL 25 2025 0830	
2				Meadow Pinette		
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-37774-2

Login Number: 37774

List Source: Eurofins Atlanta

List Number: 1

Creator: Tescum, Allyson

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-37774-2

Login Number: 37774
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 07/25/25 12:19 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-37774-2
Project/Site: CCR - Plant Scherer Ash Pond

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-37774-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/24/2025 10:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.0°C, 3.1°C, 3.2°C, 4.4°C and 4.9°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium-228 batch 729826
The LCS recovered at (126%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required. (LCS 160-729826/2-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-SGWC-16

Lab Sample ID: 705-37774-1

Date Collected: 07/23/25 13:33

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0114	U	0.159	0.159	1.00	0.336	pCi/L	07/31/25 08:13	08/26/25 16:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:58*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0713	U	0.389	0.389	1.00	0.742	pCi/L	07/31/25 08:17	08/26/25 13:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:42*	*1*
Y Carrier	*78.5*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:42*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0827	U	0.420	0.420	5.00	0.742	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-AP1-FD-2

Lab Sample ID: 705-37774-2

Date Collected: 07/23/25 00:00

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0172	U	0.163	0.163	1.00	0.332	pCi/L	07/31/25 08:13	08/26/25 16:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.9*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:58*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.278	U	0.362	0.363	1.00	0.605	pCi/L	07/31/25 08:17	08/26/25 13:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.9*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:42*	*1*
Y Carrier	*82.2*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:42*	*1*

Client Sample ID: SCH-AP1-FD-2
Lab Sample ID: 705-37774-2

Date Collected: 07/23/25 00:00
Matrix: Water
Date Received: 07/24/25 10:45

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.295	U	0.397	0.398	5.00	0.605	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-SGWC-17
Lab Sample ID: 705-37774-3

Date Collected: 07/23/25 15:39
Matrix: Water
Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0530	U	0.159	0.159	1.00	0.304	pCi/L	07/31/25 08:13	08/26/25 16:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.8*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:58*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.16**		0.576	0.586	1.00	0.809	pCi/L	07/31/25 08:17	08/26/25 13:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.8*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:42*	*1*
Y Carrier	*77.4*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:42*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.21**		0.598	0.607	5.00	0.809	pCi/L		08/27/25 10:05	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-37774-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
705-37757-A-3-A DU	Duplicate	92.1
705-37774-1	SCH-SGWC-16	89.6
705-37774-2	SCH-AP1-FD-2	82.9
705-37774-3	SCH-SGWC-17	87.8
LCS 160-729825/2-A	Lab Control Sample	87.3
MB 160-729825/1-A	Method Blank	91.1

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
705-37757-A-3-B DU	Duplicate	92.1	74.8
705-37774-1	SCH-SGWC-16	89.6	78.5
705-37774-2	SCH-AP1-FD-2	82.9	82.2
705-37774-3	SCH-SGWC-17	87.8	77.4
LCS 160-729826/2-A	Lab Control Sample	87.3	79.6
MB 160-729826/1-A	Method Blank	91.1	82.2

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Job ID: 705-37774-2
Project/Site: CCR - Plant Scherer Ash Pond

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-37774-2

Client Sample ID: SCH-SGWC-16

Lab Sample ID: 705-37774-1

Date Collected: 07/23/25 13:33
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 16:58
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733708	FLC	EET SL	08/26/25 13:42
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Client Sample ID: SCH-AP1-FD-2

Lab Sample ID: 705-37774-2

Date Collected: 07/23/25 00:00
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 16:58
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733708	FLC	EET SL	08/26/25 13:42
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Client Sample ID: SCH-SGWC-17

Lab Sample ID: 705-37774-3

Date Collected: 07/23/25 15:39
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 16:58
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733708	FLC	EET SL	08/26/25 13:42
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-729825/1-A
Matrix: Water
Analysis Batch: 733708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729825

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.07301	U	0.134	0.134	1.00	0.323	pCi/L	07/31/25 08:13	08/26/25 16:48	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.1*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:48*	*1*

Lab Sample ID: LCS 160-729825/2-A
Matrix: Water
Analysis Batch: 733708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729825

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.474		1.17	1.00	0.361	pCi/L	89	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.3*		*30 - 110*

Lab Sample ID: 705-37757-A-3-A DU
Matrix: Water
Analysis Batch: 733708

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 729825

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	-0.0508	U		-0.04631	U	0.208	1.00	0.424	pCi/L			0.01	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*92.1*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-729826/1-A
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729826

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4364	U	0.351	0.354	1.00	0.546	pCi/L	07/31/25 08:17	08/26/25 11:50	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.1*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*
Y Carrier	*82.2*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-729826/2-A
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729826

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.13	11.50		1.51	1.00	0.570	pCi/L	126	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.3*		*30 - 110*
Y Carrier	*79.6*		*30 - 110*

Lab Sample ID: 705-37757-A-3-B DU
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 729826

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.421	U		1.202		0.469	1.00	0.577	pCi/L			0.91	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*92.1*		*30 - 110*
Y Carrier	*74.8*		*30 - 110*

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-37774-2
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/30/2025 3:29:20 PM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

705-38041-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
8/30/2025 3:29:20 PM
Revision 1

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38041-1	SCH-SGWA-2	Water	07/24/25 10:20	07/25/25 15:32	Georgia
705-38041-2	SCH-SGWA-1	Water	07/24/25 10:36	07/25/25 15:32	Georgia
705-38041-3	SCH-SGWA-4	Water	07/24/25 12:12	07/25/25 15:32	Georgia
705-38041-4	SCH-SGWC-19	Water	07/24/25 12:40	07/25/25 15:32	Georgia
705-38041-5	SCH-SGWC-20	Water	07/24/25 14:45	07/25/25 15:32	Georgia
705-38041-6	SCH-SGWA-3	Water	07/24/25 14:11	07/25/25 15:32	Georgia
705-38041-7	SCH-AP1-FD-1	Water	07/24/25 00:00	07/25/25 15:32	Georgia
705-38041-8	SCH-SGWC-18	Water	07/25/25 10:41	07/25/25 15:32	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins

Client Information	Sampler: Jake Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers
			Preservation Code:				N	N	D	D	D	D		D	D	D	N			
SCH-SGWA-2	7/24/25	10:20	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWA-1	7/24/25	10:36	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWA-4	7/24/25	12:12	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWC-19	7/24/25	12:40	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWC-20	7/24/25	14:45	G	WG			X	X	X		X	X		X	X	X	X			5
SCH-SGWA-3	7/24/25	14:11	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-AP1-FD-1	7/24/25	-	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWA-18	7/25/25	10:41	G	WG			X	X	X	X		X		X	X	X	X			5

Preservation Codes:
D - HNO3
N - N...

705-38041 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Level II, Data ...

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	7/25/25 1304	SP	Yolanda Lucas	7/25/25	CWW
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 07/25/25 1532	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	1.2/1.2	1.6/1.6

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-54464.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-38041-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/28/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Ash Pond	Project #: 70504534			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-SGWA-2 (705-38041-1)	7/24/25	10:20 Eastern	G	Water			X	X	X	2	
SCH-SGWA-1 (705-38041-2)	7/24/25	10:36 Eastern	G	Water			X	X	X	2	
SCH-SGWA-4 (705-38041-3)	7/24/25	12:12 Eastern	G	Water			X	X	X	2	
SCH-SGWC-19 (705-38041-4)	7/24/25	12:40 Eastern	G	Water			X	X	X	2	
SCH-SGWC-20 (705-38041-5)	7/24/25	14:45 Eastern	G	Water			X	X	X	2	
SCH-SGWA-3 (705-38041-6)	7/24/25	14:11 Eastern	G	Water			X	X	X	2	
SCH-AP1-FD-1 (705-38041-7)	7/24/25	Eastern	G	Water			X	X	X	2	
SCH-SGWA-18 (705-38041-8)	7/25/25	10:41 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		7/28/25 1200		M. Pinette	JUL 29 2025 0840	
2	Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38041-2

Login Number: 38041
List Number: 1
Creator: Hartley, Tyler

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38041-2

Login Number: 38041
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 07/29/25 11:20 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-2

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-38041-2

Revision 1
The report being provided is a revision of the original report sent on 8/27/2025. The report is being revised in order to document changes requested by WSP during login review of this submittal.

Project Manager Comments
Per request by WSP during login review, Client Sample ID, SCH-SGWA-18, should be renamed as SCH-SGWC-18.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/25/2025 3:32 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.2°C and 1.6°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium-228 batch 730089
The LCS recovered at (126%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required. (LCS 160-730089/2-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Job ID: 705-38041-2
Project/Site: CCR - Plant Scherer Ash Pond

Client Sample ID: SCH-SGWA-2 — Lab Sample ID: 705-38041-1

No Detections.

Client Sample ID: SCH-SGWA-1 — Lab Sample ID: 705-38041-2

No Detections.

Client Sample ID: SCH-SGWA-4 — Lab Sample ID: 705-38041-3

No Detections.

Client Sample ID: SCH-SGWC-19 — Lab Sample ID: 705-38041-4

No Detections.

Client Sample ID: SCH-SGWC-20 — Lab Sample ID: 705-38041-5

No Detections.

Client Sample ID: SCH-SGWA-3 — Lab Sample ID: 705-38041-6

No Detections.

Client Sample ID: SCH-AP1-FD-1 — Lab Sample ID: 705-38041-7

No Detections.

Client Sample ID: SCH-SGWC-18 — Lab Sample ID: 705-38041-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-SGWA-2

Date Collected: 07/24/25 10:20
Date Received: 07/25/25 15:32

Lab Sample ID: 705-38041-1

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0142	U	0.0686	0.0686	1.00	0.139	pCi/L	07/31/25 08:04	08/22/25 07:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*30 - 110*	*07/31/25 08:04*	*08/22/25 07:36*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0378	U	0.285	0.285	1.00	0.550	pCi/L	07/31/25 08:12	08/11/25 12:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*30 - 110*	*07/31/25 08:12*	*08/11/25 12:00*	*1*
Y Carrier	*75.1*		*30 - 110*	*07/31/25 08:12*	*08/11/25 12:00*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0520	U	0.293	0.293	5.00	0.550	pCi/L		08/22/25 15:52	1

Client Sample ID: SCH-SGWA-1

Date Collected: 07/24/25 10:36
Date Received: 07/25/25 15:32

Lab Sample ID: 705-38041-2

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.162**		0.0985	0.0996	1.00	0.137	pCi/L	07/31/25 08:04	08/22/25 07:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.3*		*30 - 110*	*07/31/25 08:04*	*08/22/25 07:36*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.137	U	0.268	0.268	1.00	0.542	pCi/L	07/31/25 08:12	08/11/25 12:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.3*		*30 - 110*	*07/31/25 08:12*	*08/11/25 12:00*	*1*
Y Carrier	*80.0*		*30 - 110*	*07/31/25 08:12*	*08/11/25 12:00*	*1*

Client Sample ID: SCH-SGWA-1
Date Collected: 07/24/25 10:36
Date Received: 07/25/25 15:32

Lab Sample ID: 705-38041-2
Matrix: Water

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0250	U	0.286	0.286	5.00	0.542	pCi/L		08/22/25 15:52	1

Client Sample ID: SCH-SGWA-4
Date Collected: 07/24/25 12:12
Date Received: 07/25/25 15:32

Lab Sample ID: 705-38041-3
Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0206	U	0.0651	0.0651	1.00	0.120	pCi/L	07/31/25 08:04	08/22/25 07:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.3*		*30 - 110*	*07/31/25 08:04*	*08/22/25 07:30*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.286	U	0.305	0.306	1.00	0.494	pCi/L	07/31/25 08:12	08/11/25 12:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.3*		*30 - 110*	*07/31/25 08:12*	*08/11/25 12:01*	*1*
Y Carrier	*85.6*		*30 - 110*	*07/31/25 08:12*	*08/11/25 12:01*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.306	U	0.312	0.313	5.00	0.494	pCi/L		08/22/25 15:52	1

Client Sample ID: SCH-SGWC-19
Date Collected: 07/24/25 12:40
Date Received: 07/25/25 15:32

Lab Sample ID: 705-38041-4
Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0107	U	0.0626	0.0626	1.00	0.119	pCi/L	07/31/25 08:04	08/22/25 07:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*07/31/25 08:04*	*08/22/25 07:31*	*1*

Client Sample ID: SCH-SGWC-19

Lab Sample ID: 705-38041-4

Date Collected: 07/24/25 12:40

Matrix: Water

Date Received: 07/25/25 15:32

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.339	U	0.332	0.334	1.00	0.534	pCi/L	07/31/25 08:12	08/11/25 12:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*07/31/25 08:12*	*08/11/25 12:01*	*1*
Y Carrier	*83.0*		*30 - 110*	*07/31/25 08:12*	*08/11/25 12:01*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.350	U	0.338	0.340	5.00	0.534	pCi/L		08/22/25 15:52	1

Client Sample ID: SCH-SGWC-20

Lab Sample ID: 705-38041-5

Date Collected: 07/24/25 14:45

Matrix: Water

Date Received: 07/25/25 15:32

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0920	U	0.0751	0.0756	1.00	0.112	pCi/L	07/31/25 08:04	08/22/25 07:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*07/31/25 08:04*	*08/22/25 07:31*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.398	U	0.389	0.391	1.00	0.629	pCi/L	07/31/25 08:12	08/11/25 12:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*07/31/25 08:12*	*08/11/25 12:01*	*1*
Y Carrier	*93.1*		*30 - 110*	*07/31/25 08:12*	*08/11/25 12:01*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.490	U	0.396	0.398	5.00	0.629	pCi/L		08/22/25 15:52	1

Client Sample ID: SCH-SGWA-3

Lab Sample ID: 705-38041-6

Date Collected: 07/24/25 14:11

Matrix: Water

Date Received: 07/25/25 15:32

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.151	U	0.169	0.169	1.00	0.417	pCi/L	08/04/25 08:03	08/26/25 18:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.4*		*30 - 110*	*08/04/25 08:03*	*08/26/25 18:48*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.578	U	0.423	0.426	1.00	0.645	pCi/L	08/04/25 08:09	08/26/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.4*		*30 - 110*	*08/04/25 08:09*	*08/26/25 11:48*	*1*
Y Carrier	*79.3*		*30 - 110*	*08/04/25 08:09*	*08/26/25 11:48*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.427	U	0.456	0.458	5.00	0.645	pCi/L		08/27/25 10:35	1

Client Sample ID: SCH-AP1-FD-1

Lab Sample ID: 705-38041-7

Date Collected: 07/24/25 00:00

Matrix: Water

Date Received: 07/25/25 15:32

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0130	U	0.171	0.171	1.00	0.352	pCi/L	08/04/25 08:03	08/26/25 18:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*30 - 110*	*08/04/25 08:03*	*08/26/25 18:48*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.840**		0.382	0.390	1.00	0.499	pCi/L	08/04/25 08:09	08/26/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*30 - 110*	*08/04/25 08:09*	*08/26/25 11:48*	*1*
Y Carrier	*76.6*		*30 - 110*	*08/04/25 08:09*	*08/26/25 11:48*	*1*

Client Sample ID: SCH-AP1-FD-1

Lab Sample ID: 705-38041-7
Date Collected: 07/24/25 00:00
Matrix: Water
Date Received: 07/25/25 15:32

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.827		0.419	0.426	5.00	0.499	pCi/L		08/27/25 10:35	1

Client Sample ID: SCH-SGWC-18

Lab Sample ID: 705-38041-8
Date Collected: 07/25/25 10:41
Matrix: Water
Date Received: 07/25/25 15:32

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0113	U	0.107	0.107	1.00	0.230	pCi/L	08/01/25 09:48	08/26/25 09:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.0*		*30 - 110*	*08/01/25 09:48*	*08/26/25 09:06*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.329	U	0.404	0.406	1.00	0.670	pCi/L	08/01/25 09:55	08/25/25 13:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.0*		*30 - 110*	*08/01/25 09:55*	*08/25/25 13:36*	*1*
Y Carrier	*77.8*		*30 - 110*	*08/01/25 09:55*	*08/25/25 13:36*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.318	U	0.418	0.420	5.00	0.670	pCi/L		08/26/25 15:26	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits) Ba (30-110)
280-211188-C-2-A MS	Matrix Spike	84.1
280-211188-D-2-A MSD	Matrix Spike Duplicate	84.9
500-272315-F-6-B MS	Matrix Spike	91.6
500-272315-F-6-C MSD	Matrix Spike Duplicate	90.8
705-38041-1	SCH-SGWA-2	92.6
705-38041-2	SCH-SGWA-1	93.3
705-38041-3	SCH-SGWA-4	93.3
705-38041-4	SCH-SGWC-19	94.0
705-38041-5	SCH-SGWC-20	89.6
705-38041-6	SCH-SGWA-3	78.4
705-38041-7	SCH-AP1-FD-1	92.8
705-38041-8	SCH-SGWC-18	97.0
880-60740-A-1-A DU	Duplicate	92.8
LCS 160-729823/2-A	Lab Control Sample	92.6
LCS 160-730087/2-A	Lab Control Sample	95.0
LCS 160-730296/2-A	Lab Control Sample	87.6
MB 160-729823/1-A	Method Blank	100
MB 160-730087/1-A	Method Blank	89.6
MB 160-730296/1-A	Method Blank	89.6

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits) Ba (30-110)	Y (30-110)
280-211188-C-2-B MS	Matrix Spike	84.1	77.0
280-211188-D-2-B MSD	Matrix Spike Duplicate	84.9	75.5
500-272315-F-6-E MS	Matrix Spike	91.6	76.6
500-272315-F-6-F MSD	Matrix Spike Duplicate	90.8	81.1
705-38041-1	SCH-SGWA-2	92.6	75.1
705-38041-2	SCH-SGWA-1	93.3	80.0
705-38041-3	SCH-SGWA-4	93.3	85.6
705-38041-4	SCH-SGWC-19	94.0	83.0
705-38041-5	SCH-SGWC-20	89.6	93.1
705-38041-6	SCH-SGWA-3	78.4	79.3
705-38041-7	SCH-AP1-FD-1	92.8	76.6
705-38041-8	SCH-SGWC-18	97.0	77.8
880-60740-A-1-B DU	Duplicate	92.8	86.7
LCS 160-729824/2-A	Lab Control Sample	92.6	83.0
LCS 160-730089/2-A	Lab Control Sample	95.0	80.4
LCS 160-730297/2-A	Lab Control Sample	87.6	74.0
MB 160-729824/1-A	Method Blank	100	84.1
MB 160-730089/1-A	Method Blank	89.6	77.0
MB 160-730297/1-A	Method Blank	89.6	81.1

Tracer/Carrier Legend

Ba = Ba Carrier

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-38041-2
Project/Site: CCR - Plant Scherer Ash Pond

Y = Y Carrier

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-2

Client Sample ID: SCH-SGWA-2
Date Collected: 07/24/25 10:20
Date Received: 07/25/25 15:32

Lab Sample ID: 705-38041-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729823	JTR	EET SL	07/31/25 08:04
Total/NA	Analysis	9315		1	733238	SWS	EET SL	08/22/25 07:36
Total/NA	Prep	PrecSep_0			729824	JTR	EET SL	07/31/25 08:12
Total/NA	Analysis	9320		1	731434	SWS	EET SL	08/11/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	733279	SCB	EET SL	08/22/25 15:52

Client Sample ID: SCH-SGWA-1
Date Collected: 07/24/25 10:36
Date Received: 07/25/25 15:32

Lab Sample ID: 705-38041-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729823	JTR	EET SL	07/31/25 08:04
Total/NA	Analysis	9315		1	733238	SWS	EET SL	08/22/25 07:36
Total/NA	Prep	PrecSep_0			729824	JTR	EET SL	07/31/25 08:12
Total/NA	Analysis	9320		1	731434	SWS	EET SL	08/11/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	733279	SCB	EET SL	08/22/25 15:52

Client Sample ID: SCH-SGWA-4
Date Collected: 07/24/25 12:12
Date Received: 07/25/25 15:32

Lab Sample ID: 705-38041-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729823	JTR	EET SL	07/31/25 08:04
Total/NA	Analysis	9315		1	733239	SWS	EET SL	08/22/25 07:30
Total/NA	Prep	PrecSep_0			729824	JTR	EET SL	07/31/25 08:12
Total/NA	Analysis	9320		1	731434	SWS	EET SL	08/11/25 12:01
Total/NA	Analysis	Ra226_Ra228		1	733279	SCB	EET SL	08/22/25 15:52

Client Sample ID: SCH-SGWC-19
Date Collected: 07/24/25 12:40
Date Received: 07/25/25 15:32

Lab Sample ID: 705-38041-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729823	JTR	EET SL	07/31/25 08:04
Total/NA	Analysis	9315		1	733239	SWS	EET SL	08/22/25 07:31
Total/NA	Prep	PrecSep_0			729824	JTR	EET SL	07/31/25 08:12
Total/NA	Analysis	9320		1	731434	SWS	EET SL	08/11/25 12:01
Total/NA	Analysis	Ra226_Ra228		1	733279	SCB	EET SL	08/22/25 15:52

Lab Chronicle

Client: Southern Company
Job ID: 705-38041-2
Project/Site: CCR - Plant Scherer Ash Pond

Client Sample ID: SCH-SGWC-20
Lab Sample ID: 705-38041-5
Date Collected: 07/24/25 14:45
Matrix: Water
Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729823	JTR	EET SL	07/31/25 08:04
Total/NA	Analysis	9315		1	733239	SWS	EET SL	08/22/25 07:31
Total/NA	Prep	PrecSep_0			729824	JTR	EET SL	07/31/25 08:12
Total/NA	Analysis	9320		1	731434	SWS	EET SL	08/11/25 12:01
Total/NA	Analysis	Ra226_Ra228		1	733279	SCB	EET SL	08/22/25 15:52

Client Sample ID: SCH-SGWA-3
Lab Sample ID: 705-38041-6
Date Collected: 07/24/25 14:11
Matrix: Water
Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730296	JTR	EET SL	08/04/25 08:03
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 18:48
Total/NA	Prep	PrecSep_0			730297	JTR	EET SL	08/04/25 08:09
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:35

Client Sample ID: SCH-AP1-FD-1
Lab Sample ID: 705-38041-7
Date Collected: 07/24/25 00:00
Matrix: Water
Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730296	JTR	EET SL	08/04/25 08:03
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 18:48
Total/NA	Prep	PrecSep_0			730297	JTR	EET SL	08/04/25 08:09
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:35

Client Sample ID: SCH-SGWC-18
Lab Sample ID: 705-38041-8
Date Collected: 07/25/25 10:41
Matrix: Water
Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730087	JTR	EET SL	08/01/25 09:48
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 09:06
Total/NA	Prep	PrecSep_0			730089	JTR	EET SL	08/01/25 09:55
Total/NA	Analysis	9320		1	733501	SWS	EET SL	08/25/25 13:36
Total/NA	Analysis	Ra226_Ra228		1	733729	SCB	EET SL	08/26/25 15:26

Laboratory References:
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-729823/1-A
Matrix: Water
Analysis Batch: 733238

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729823

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02986	U	0.0532	0.0532	1.00	0.0941	pCi/L	07/31/25 08:04	08/22/25 07:34	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*100*		*30 - 110*	*07/31/25 08:04*	*08/22/25 07:34*	*1*

Lab Sample ID: LCS 160-729823/2-A
Matrix: Water
Analysis Batch: 733238

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729823

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	8.968		0.954	1.00	0.0985	pCi/L	94	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*92.6*		*30 - 110*

Lab Sample ID: 880-60740-A-1-A DU
Matrix: Water
Analysis Batch: 733238

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 729823

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.207	U		0.1970		0.0983	1.00	0.121	pCi/L			0.05	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*92.8*		*30 - 110*

Lab Sample ID: MB 160-730087/1-A
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730087

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.06338	U	0.103	0.103	1.00	0.257	pCi/L	08/01/25 09:48	08/26/25 07:17	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*08/01/25 09:48*	*08/26/25 07:17*	*1*

Lab Sample ID: LCS 160-730087/2-A
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730087

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.615		1.20	1.00	0.241	pCi/L	100	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-730087/2-A
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730087

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	95.0		30 - 110

Lab Sample ID: 500-272315-F-6-B MS
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 730087

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	1.12		18.8	17.73		2.24	1.00	0.483	pCi/L	88	60 - 140		

Carrier	MS %Yield	MS Qualifier	Limits
Ba Carrier	91.6		30 - 110

Lab Sample ID: 500-272315-F-6-C MSD
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 730087

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226	1.12		19.0	18.48		2.33	1.00	0.486	pCi/L	91	60 - 140	0.16	1

Carrier	MSD %Yield	MSD Qualifier	Limits
Ba Carrier	90.8		30 - 110

Lab Sample ID: MB 160-730296/1-A
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730296

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1212	U	0.241	0.241	1.00	0.427	pCi/L	08/04/25 08:03	08/26/25 17:03	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110	08/04/25 08:03	08/26/25 17:03	1

Lab Sample ID: LCS 160-730296/2-A
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730296

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.301		1.15	1.00	0.322	pCi/L	87	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	87.6		30 - 110

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: 280-211188-C-2-A MS
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 730296

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	0.305	U	9.57	8.250		1.20	1.00	0.467	pCi/L	83	60 - 140		

Carrier	*MS %Yield*	*MS Qualifier*	*Limits*
Ba Carrier	*84.1*		*30 - 110*

Lab Sample ID: 280-211188-D-2-A MSD
Matrix: Water
Analysis Batch: 733708

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 730296

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226	0.305	U	9.56	9.467		1.27	1.00	0.329	pCi/L	96	60 - 140	0.49	1

Carrier	*MSD %Yield*	*MSD Qualifier*	*Limits*
Ba Carrier	*84.9*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-729824/1-A
Matrix: Water
Analysis Batch: 731433

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729824

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5934		0.371	0.375	1.00	0.554	pCi/L	07/31/25 08:12	08/11/25 11:52	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*100*		*30 - 110*	*07/31/25 08:12*	*08/11/25 11:52*	*1*
Y Carrier	*84.1*		*30 - 110*	*07/31/25 08:12*	*08/11/25 11:52*	*1*

Lab Sample ID: LCS 160-729824/2-A
Matrix: Water
Analysis Batch: 731433

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729824

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.17	10.98		1.43	1.00	0.538	pCi/L	120	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*92.6*		*30 - 110*
Y Carrier	*83.0*		*30 - 110*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 880-60740-A-1-B DU
Matrix: Water
Analysis Batch: 731433

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 729824

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.472			0.6115		0.361	1.00	0.518	pCi/L			0.20	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*92.8*		*30 - 110*
Y Carrier	*86.7*		*30 - 110*

Lab Sample ID: MB 160-730089/1-A
Matrix: Water
Analysis Batch: 733503

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730089

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.7049		0.412	0.418	1.00	0.598	pCi/L	08/01/25 09:55	08/25/25 12:03	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*08/01/25 09:55*	*08/25/25 12:03*	*1*
Y Carrier	*77.0*		*30 - 110*	*08/01/25 09:55*	*08/25/25 12:03*	*1*

Lab Sample ID: LCS 160-730089/2-A
Matrix: Water
Analysis Batch: 733503

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730089

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.13	11.54		1.49	1.00	0.479	pCi/L	126	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*95.0*		*30 - 110*
Y Carrier	*80.4*		*30 - 110*

Lab Sample ID: 500-272315-F-6-E MS
Matrix: Water
Analysis Batch: 733503

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 730089

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	2.07	G	17.9	20.92		2.82	1.00	1.08	pCi/L	105	60 - 140		

Carrier	*MS %Yield*	*MS Qualifier*	*Limits*
Ba Carrier	*91.6*		*30 - 110*
Y Carrier	*76.6*		*30 - 110*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 500-272315-F-6-F MSD
Matrix: Water
Analysis Batch: 733503

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 730089

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	2.07	G	18.2	19.12		2.62	1.00	1.10	pCi/L	94	60 - 140	0.33	1

Carrier	*MSD %Yield*	*MSD Qualifier*	*Limits*
Ba Carrier	*90.8*		*30 - 110*
Y Carrier	*81.1*		*30 - 110*

Lab Sample ID: MB 160-730297/1-A
Matrix: Water
Analysis Batch: 733708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730297

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.002283	U	0.325	0.325	1.00	0.603	pCi/L	08/04/25 08:09	08/26/25 11:40	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*08/04/25 08:09*	*08/26/25 11:40*	*1*
Y Carrier	*81.1*		*30 - 110*	*08/04/25 08:09*	*08/26/25 11:40*	*1*

Lab Sample ID: LCS 160-730297/2-A
Matrix: Water
Analysis Batch: 733702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730297

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.13	10.97		1.50	1.00	0.645	pCi/L	120	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.6*		*30 - 110*
Y Carrier	*74.0*		*30 - 110*

Lab Sample ID: 280-211188-C-2-B MS
Matrix: Water
Analysis Batch: 733702

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 730297

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	0.717	U	9.12	9.612		1.37	1.00	0.632	pCi/L	98	60 - 140		

Carrier	*MS %Yield*	*MS Qualifier*	*Limits*
Ba Carrier	*84.1*		*30 - 110*
Y Carrier	*77.0*		*30 - 110*

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-2

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 280-211188-D-2-B MSD
Matrix: Water
Analysis Batch: 733702

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 730297

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	0.717	U	9.11	11.45		1.55	1.00	0.665	pCi/L	118	60 - 140	0.63	1

Carrier	*MSD %Yield*	*MSD Qualifier*	*Limits*
Ba Carrier	*84.9*		*30 - 110*
Y Carrier	*75.5*		*30 - 110*

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38041-2
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

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1 2 3 4 5 6 7 8 9 10 11 12 13

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 9/3/2025 3:44:51 PM

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

705-38147-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Job ID: 705-38147-2
Project/Site: CCR - Plant Scherer Ash Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38147-1	SCH-SGWC-23	Water	07/28/25 15:25	07/29/25 11:05	Georgia
705-38147-2	SCH-SGWC-22	Water	07/28/25 14:00	07/29/25 11:05	Georgia
705-38147-3	SCH-AP1-EB-1	Water	07/28/25 14:10	07/29/25 11:05	Georgia
705-38147-4	SCH-SGWA-24	Water	07/28/25 14:04	07/29/25 11:05	Georgia
705-38147-5	SCH-SGWC-21	Water	07/28/25 12:25	07/29/25 11:05	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: J. Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-38147 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers	
			Preservation Code:				N	N	D	D	D	D		D	D	D	N				
SCH-SGWC-23	7/28/25	1525	G	WG			X	X	X	X		X		X	X	X	X			5	
SCH-SGWC-22	7/28/25	1400	G	WG			X	X	X	X		X		X	X	X	X			5	
SCH-AP1-EB-1	7/28/25	1410	G	WQ			X	X	X	X		X		X	X	X	X			5	
SCH-SGWA-24	7/28/25	1404	G	WG			X	X	X	X		X		X	X	X	X			7	EXTRA RAD
SCH-SGWC-21	7/28/25	1225	G	WG			X	X	X	X		X		X	X	X	X			5	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	7/29/25 0825	WSP	MIKE GEMMILL	7/29/25 0825	COURIER NOW
2	MIKE GEMMILL	7/29/25 1100	COURIER NOW	[signature]	7.29.25 1105	
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.: # 2665

Cooler Temperature(s) °C and Other Remarks: 1.0 1.3 2.5 2.0

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-54764.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-38147-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/29/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Ash Pond	Project #: 70504534			Other: N/A
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-SGWC-23 (705-38147-1)	7/28/25	15:25 Eastern	G	Water			X	X	X	2	
SCH-SGWC-22 (705-38147-2)	7/28/25	14:00 Eastern	G	Water			X	X	X	2	
SCH-AP1-EB-1 (705-38147-3)	7/28/25	14:10 Eastern	G	Water			X	X	X	2	
SCH-SGWA-24 (705-38147-4)	7/28/25	14:04 Eastern	G	Water			X	X	X	4	
SCH-SGWC-21 (705-38147-5)	7/28/25	12:25 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	7/29/25 1700		M. Pinette	JUL 30 2025 0830	
2	Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38147-2

Login Number: 38147

List Source: Eurofins Atlanta

List Number: 1

Creator: Torres, Dominique

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38147-2

Login Number: 38147
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 07/30/25 10:14 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-38147-2
Project/Site: CCR - Plant Scherer Ash Pond

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-38147-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/29/2025 11:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.0°C, 1.3°C, 2.0°C and 2.5°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium-228 batch 730295
The LCS recovered at (71%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required (LCS 160-730295/2-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-SGWC-23

Lab Sample ID: 705-38147-1

Date Collected: 07/28/25 15:25

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0705	U	0.0991	0.0993	1.00	0.168	pCi/L	08/04/25 07:57	09/02/25 19:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.1*		*30 - 110*	*08/04/25 07:57*	*09/02/25 19:18*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.189	U	0.326	0.327	1.00	0.561	pCi/L	08/04/25 08:02	08/29/25 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.1*		*30 - 110*	*08/04/25 08:02*	*08/29/25 11:55*	*1*
Y Carrier	*80.4*		*30 - 110*	*08/04/25 08:02*	*08/29/25 11:55*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.259	U	0.341	0.342	5.00	0.561	pCi/L		09/03/25 13:03	1

Client Sample ID: SCH-SGWC-22

Lab Sample ID: 705-38147-2

Date Collected: 07/28/25 14:00

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0188	U	0.0536	0.0536	1.00	0.125	pCi/L	08/04/25 07:57	09/02/25 21:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*100*		*30 - 110*	*08/04/25 07:57*	*09/02/25 21:31*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.338	U	0.328	0.329	1.00	0.524	pCi/L	08/04/25 08:02	08/29/25 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*100*		*30 - 110*	*08/04/25 08:02*	*08/29/25 11:55*	*1*
Y Carrier	*76.6*		*30 - 110*	*08/04/25 08:02*	*08/29/25 11:55*	*1*

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38147-2

Client Sample ID: SCH-SGWC-22

Lab Sample ID: 705-38147-2
Date Collected: 07/28/25 14:00
Matrix: Water
Date Received: 07/29/25 11:05

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.319	U	0.332	0.333	5.00	0.524	pCi/L		09/03/25 13:03	1

Client Sample ID: SCH-AP1-EB-1

Lab Sample ID: 705-38147-3
Date Collected: 07/28/25 14:10
Matrix: Water
Date Received: 07/29/25 11:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0145	U	0.0782	0.0782	1.00	0.169	pCi/L	08/04/25 07:57	09/02/25 21:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.9*		*30 - 110*	*08/04/25 07:57*	*09/02/25 21:31*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0834	U	0.400	0.401	1.00	0.772	pCi/L	08/04/25 08:02	08/29/25 11:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.9*		*30 - 110*	*08/04/25 08:02*	*08/29/25 11:56*	*1*
Y Carrier	*71.4*		*30 - 110*	*08/04/25 08:02*	*08/29/25 11:56*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0979	U	0.408	0.409	5.00	0.772	pCi/L		09/03/25 13:03	1

Client Sample ID: SCH-SGWA-24

Lab Sample ID: 705-38147-4
Date Collected: 07/28/25 14:04
Matrix: Water
Date Received: 07/29/25 11:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0248	U	0.0773	0.0773	1.00	0.146	pCi/L	08/04/25 07:57	09/02/25 21:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/04/25 07:57*	*09/02/25 21:31*	*1*

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38147-2

Client Sample ID: SCH-SGWA-24

Lab Sample ID: 705-38147-4

Date Collected: 07/28/25 14:04

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.160	U	0.343	0.343	1.00	0.596	pCi/L	08/04/25 08:02	08/29/25 11:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/04/25 08:02*	*08/29/25 11:56*	*1*
Y Carrier	*83.4*		*30 - 110*	*08/04/25 08:02*	*08/29/25 11:56*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.185	U	0.352	0.352	5.00	0.596	pCi/L		09/03/25 13:03	1

Client Sample ID: SCH-SGWC-21

Lab Sample ID: 705-38147-5

Date Collected: 07/28/25 12:25

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0364	U	0.0704	0.0705	1.00	0.127	pCi/L	08/04/25 07:57	09/02/25 21:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.8*		*30 - 110*	*08/04/25 07:57*	*09/02/25 21:31*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.317	U	0.362	0.363	1.00	0.594	pCi/L	08/04/25 08:02	08/29/25 11:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.8*		*30 - 110*	*08/04/25 08:02*	*08/29/25 11:56*	*1*
Y Carrier	*80.7*		*30 - 110*	*08/04/25 08:02*	*08/29/25 11:56*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.353	U	0.369	0.370	5.00	0.594	pCi/L		09/03/25 13:03	1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-38147-2
Project/Site: CCR - Plant Scherer Ash Pond

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
280-211122-A-1-A DU	Duplicate	87.3
705-38147-1	SCH-SGWC-23	85.1
705-38147-2	SCH-SGWC-22	100
705-38147-3	SCH-AP1-EB-1	75.9
705-38147-4	SCH-SGWA-24	88.3
705-38147-5	SCH-SGWC-21	97.8
LCS 160-730294/2-A	Lab Control Sample	81.1
MB 160-730294/1-A	Method Blank	91.8

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
280-211122-A-1-B DU	Duplicate	87.3	75.5
705-38147-1	SCH-SGWC-23	85.1	80.4
705-38147-2	SCH-SGWC-22	100	76.6
705-38147-3	SCH-AP1-EB-1	75.9	71.4
705-38147-4	SCH-SGWA-24	88.3	83.4
705-38147-5	SCH-SGWC-21	97.8	80.7
LCS 160-730295/2-A	Lab Control Sample	81.1	62.1
MB 160-730295/1-A	Method Blank	91.8	79.6

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38147-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38147-2

Client Sample ID: SCH-SGWC-23

Lab Sample ID: 705-38147-1

Date Collected: 07/28/25 15:25
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730294	JTR	EET SL	08/04/25 07:57
Total/NA	Analysis	9315		1	734478	FLC	EET SL	09/02/25 19:18
Total/NA	Prep	PrecSep_0			730295	JTR	EET SL	08/04/25 08:02
Total/NA	Analysis	9320		1	734194	SWS	EET SL	08/29/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	734645	FLC	EET SL	09/03/25 13:03

Client Sample ID: SCH-SGWC-22

Lab Sample ID: 705-38147-2

Date Collected: 07/28/25 14:00
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730294	JTR	EET SL	08/04/25 07:57
Total/NA	Analysis	9315		1	734477	FLC	EET SL	09/02/25 21:31
Total/NA	Prep	PrecSep_0			730295	JTR	EET SL	08/04/25 08:02
Total/NA	Analysis	9320		1	734194	SWS	EET SL	08/29/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	734645	FLC	EET SL	09/03/25 13:03

Client Sample ID: SCH-AP1-EB-1

Lab Sample ID: 705-38147-3

Date Collected: 07/28/25 14:10
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730294	JTR	EET SL	08/04/25 07:57
Total/NA	Analysis	9315		1	734477	FLC	EET SL	09/02/25 21:31
Total/NA	Prep	PrecSep_0			730295	JTR	EET SL	08/04/25 08:02
Total/NA	Analysis	9320		1	734194	SWS	EET SL	08/29/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	734645	FLC	EET SL	09/03/25 13:03

Client Sample ID: SCH-SGWA-24

Lab Sample ID: 705-38147-4

Date Collected: 07/28/25 14:04
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730294	JTR	EET SL	08/04/25 07:57
Total/NA	Analysis	9315		1	734477	FLC	EET SL	09/02/25 21:31
Total/NA	Prep	PrecSep_0			730295	JTR	EET SL	08/04/25 08:02
Total/NA	Analysis	9320		1	734194	SWS	EET SL	08/29/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	734645	FLC	EET SL	09/03/25 13:03

Lab Chronicle

Client: Southern Company
Job ID: 705-38147-2
Project/Site: CCR - Plant Scherer Ash Pond

Client Sample ID: SCH-SGWC-21
Lab Sample ID: 705-38147-5
Date Collected: 07/28/25 12:25
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730294	JTR	EET SL	08/04/25 07:57
Total/NA	Analysis	9315		1	734477	FLC	EET SL	09/02/25 21:31
Total/NA	Prep	PrecSep_0			730295	JTR	EET SL	08/04/25 08:02
Total/NA	Analysis	9320		1	734194	SWS	EET SL	08/29/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	734645	FLC	EET SL	09/03/25 13:03

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-730294/1-A
Matrix: Water
Analysis Batch: 734198

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730294

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1657	U	0.217	0.217	1.00	0.363	pCi/L	08/04/25 07:57	08/29/25 17:46	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110	08/04/25 07:57	08/29/25 17:46	1

Lab Sample ID: LCS 160-730294/2-A
Matrix: Water
Analysis Batch: 734198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730294

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.993		1.25	1.00	0.361	pCi/L	94	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	81.1		30 - 110

Lab Sample ID: 280-211122-A-1-A DU
Matrix: Water
Analysis Batch: 734198

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 730294

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.150	U		0.4751		0.260	1.00	0.319	pCi/L			0.63	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	87.3		30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-730295/1-A
Matrix: Water
Analysis Batch: 734193

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730295

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.2648	U	0.284	0.285	1.00	0.612	pCi/L	08/04/25 08:02	08/29/25 11:54	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110	08/04/25 08:02	08/29/25 11:54	1
Y Carrier	79.6		30 - 110	08/04/25 08:02	08/29/25 11:54	1

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-730295/2-A
Matrix: Water
Analysis Batch: 734193

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730295

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.12	6.434		1.26	1.00	1.01	pCi/L	71	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*81.1*		*30 - 110*
Y Carrier	*62.1*		*30 - 110*

Lab Sample ID: 280-211122-A-1-B DU
Matrix: Water
Analysis Batch: 734193

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 730295

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.198	U		0.6996		0.464	1.00	0.684	pCi/L			0.55	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*87.3*		*30 - 110*
Y Carrier	*75.5*		*30 - 110*

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38147-2
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
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B10185
Atlanta, Georgia 30308

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JOB DESCRIPTION

CCR - Plant Scherer Ash Pond Assessment

JOB NUMBER

705-38256-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
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Sample Summary

Client: Southern Company
Job ID: 705-38256-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38256-1	SCH-PZ-71	Water	07/29/25 15:36	07/30/25 11:10	Georgia
705-38256-2	SCH-PZ-42I	Water	07/29/25 15:06	07/30/25 11:10	Georgia
705-38256-3	SCH-AP1-FB-3	Water	07/29/25 15:20	07/30/25 11:10	Georgia
705-38256-4	SCH-PZ-39S	Water	07/29/25 09:41	07/30/25 11:10	Georgia
705-38256-5	SCH-PZ-44I	Water	07/29/25 09:18	07/30/25 11:10	Georgia
705-38256-6	SCH-PZ-69I	Water	07/29/25 10:16	07/30/25 11:10	Georgia
705-38256-7	SCH-AP1-EB-4	Water	07/29/25 09:20	07/30/25 11:10	Georgia
705-38256-8	SCH-PZ-43S	Water	07/29/25 11:30	07/30/25 11:10	Georgia
705-38256-9	SCH-PZ-17I	Water	07/29/25 11:48	07/30/25 11:10	Georgia
705-38256-10	SCH-PZ-40I	Water	07/29/25 11:45	07/30/25 11:10	Georgia
705-38256-11	SCH-AP1-EB-3	Water	07/29/25 11:55	07/30/25 11:10	Georgia
705-38256-12	SCH-PZ-41S	Water	07/29/25 13:37	07/30/25 11:10	Georgia
705-38256-13	SCH-PZ-70	Water	07/29/25 13:30	07/30/25 11:10	Georgia
705-38256-14	SCH-PZ-14S	Water	07/29/25 13:35	07/30/25 11:10	Georgia
705-38256-15	SCH-AP1-FD-4	Water	07/29/25 00:00	07/30/25 11:10	Georgia
705-38256-16	SCH-AP1-FD-3	Water	07/29/25 00:00	07/30/25 11:10	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins

Client Information	Sampler: Jake Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 2
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond Assessment	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity	Total Number of containers	Preservation Codes: D - HNO3, N - None / Other: / Task_Code: SCH-CCR-ASSMT-2025S2 / Special Instructions/Notes:
			Preservation Code:				N	N	D	D	D	D	D	D	N		
SCH-PZ-39S	7/29/25	09:41	G	WG			X	X	X	X	X	X	X	X	X	7	EXTRA RAD
SCH-PZ-44I	7/29/25	09:18	G	WG			X	X	X	X	X	X	X	X	X	5	
SCH-PZ-69I	7/29/25	10:16	G	WG			X	X	X	X	X	X	X	X	X	5	
SCH-AP1-EB-4	7/29/25	09:20	G	WQ			X	X	X	X	X	X	X	X	X	5	
SCH-PZ-43S	7/29/25	11:30	G	WG			X	X	X	X	X	X	X	X	X	5	
SCH-PZ-17I	7/29/25	11:48	G	WG			X	X	X	X	X	X	X	X	X	5	
SCH-PZ-40I	7/29/25	11:45	G	WG			X	X	X	X	X	X	X	X	X	5	
SCH-AP1-EB-3	7/29/25	11:55	G	WQ			X	X	X	X	X	X	X	X	X	5	
SCH-PZ-41S	7/29/25	13:37	G	WG			X	X	X	X	X	X	X	X	X	5	
SCH-PZ-70	7/29/25	13:30	G	WG			X	X	X	X	X	X	X	X	X	5	
SCH-PZ-14S	7/29/25	13:35	G	WG			X	X	X	X	X	X	X	X	X	5	

705-38256 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, (II), III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: Jacob Stucky	7/30/25 1536	WSP	VM	7/30/25	11:10
Relinquished by:	Date/Time:	Company	Received by	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: ~~4.0~~ 1.0, 0.1, 1.3, 2.1, 2.2, 5.2, 2.2 2665

Ver: 01/16/2019

9/16/2025

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: Jake Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 2 of 2
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO#: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond Assessment	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity	Total Number of containers	
			Preservation Code:				N	N	D	D	D	D	D	D	N		
SCH-PZ-71I	7/29/25	1536	G	WG			X	X	X	X	X	X	X	X	X	7	EXTRA RADS
SCH-PZ-42I	7/29/25	1506	G	WG			X	X	X	X	X	X	X	X	X	5	
SCH-AP1-FB-3	7/29/25	1520	G	WQ			X	X	X	X	X	X	X	X	X	5	
SCH-AP1-FD-4	7/29/25	-	G	WG			X	X	X	X	X	X	X	X	X	5	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Jake Stucky	Date/Time: 7/30/25 1536	Company: WSP	Received by: VM	Date/Time: 7/30/25 11:10	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.0, D-1, 1.3, 2.1, 2.2, 5.2, 2.2 2005

9/16/2025

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-55281.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-38256-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 9/2/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Ash Pond Assessment	Project #: 70504534			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-PZ-39S (705-38256-4)	7/29/25	09:41 Eastern	G	Water			X	X	X	4	
SCH-PZ-44I (705-38256-5)	7/29/25	09:18 Eastern	G	Water			X	X	X	2	
SCH-PZ-69I (705-38256-6)	7/29/25	10:16 Eastern	G	Water			X	X	X	2	
SCH-AP1-EB-4 (705-38256-7)	7/29/25	09:20 Eastern	G	Water			X	X	X	2	
SCH-PZ-43S (705-38256-8)	7/29/25	11:30 Eastern	G	Water			X	X	X	2	
SCH-PZ-17I (705-38256-9)	7/29/25	11:48 Eastern	G	Water			X	X	X	2	
SCH-PZ-40I (705-38256-10)	7/29/25	11:45 Eastern	G	Water			X	X	X	2	
SCH-AP1-EB-3 (705-38256-11)	7/29/25	11:55 Eastern	G	Water			X	X	X	2	
SCH-PZ-41S (705-38256-12)	7/29/25	13:37 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 7/30/25 12:30	Company	Received by: M. Pinette	Date/Time: JUL 31 2025 0830	Company
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-55281.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-38256-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 9/2/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Ash Pond Assessment	Project #: 70504534			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-PZ-70 (705-38256-13)	7/29/25	13:30 Eastern	G	Water			X	X	X	2	
SCH-PZ-14S (705-38256-14)	7/29/25	13:35 Eastern	G	Water			X	X	X	2	
SCH-AP1-FD-4 (705-38256-15)	7/29/25	Eastern	G	Water			X	X	X	2	
SCH-AP1-FB-3 (705-38256-16)	7/29/25	15:20 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: MJ	Date/Time: 7/30/25 12:00	Company	Received by: M. Pinette	Date/Time: JUL 3 1 2025 0830	Company
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

9/16/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38256-2

Login Number: 38256

List Source: Eurofins Atlanta

List Number: 1

Creator: Torres, Dominique

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38256-2

Login Number: 38256
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 07/31/25 11:31 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-38256-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38256-2 Eurofins Atlanta

Job Narrative
705-38256-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/30/2025 11:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 0.1°C, 1.0°C, 1.3°C, 2.1°C, 2.2°C, 2.2°C and 5.2°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium 228 Batch 730301
The Radium-228 laboratory control sample (LCS) associated with the following samples recovered at 133%: (LCS 160-730301/2-A). The limits in our LIMS system at 75-125% reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of 68-154%. The LCS is within criteria and no further action is required.

Method 9320_Ra228: Radium 228 Prep Batch 160-734892
Insufficient sample volume was available to perform a sample duplicate for the following samples: SCH-PZ-40I (705-38256-10) and SCH-PZ-14S (705-38256-14). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared with the MS & MSD to demonstrate batch precision.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Job ID: 705-38256-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-PZ-71 **Lab Sample ID: 705-38256-1**

No Detections.

Client Sample ID: SCH-PZ-42I **Lab Sample ID: 705-38256-2**

No Detections.

Client Sample ID: SCH-AP1-FB-3 **Lab Sample ID: 705-38256-3**

No Detections.

Client Sample ID: SCH-PZ-39S **Lab Sample ID: 705-38256-4**

No Detections.

Client Sample ID: SCH-PZ-44I **Lab Sample ID: 705-38256-5**

No Detections.

Client Sample ID: SCH-PZ-69I **Lab Sample ID: 705-38256-6**

No Detections.

Client Sample ID: SCH-AP1-EB-4 **Lab Sample ID: 705-38256-7**

No Detections.

Client Sample ID: SCH-PZ-43S **Lab Sample ID: 705-38256-8**

No Detections.

Client Sample ID: SCH-PZ-17I **Lab Sample ID: 705-38256-9**

No Detections.

Client Sample ID: SCH-PZ-40I **Lab Sample ID: 705-38256-10**

No Detections.

Client Sample ID: SCH-AP1-EB-3 **Lab Sample ID: 705-38256-11**

No Detections.

Client Sample ID: SCH-PZ-41S **Lab Sample ID: 705-38256-12**

No Detections.

Client Sample ID: SCH-PZ-70 **Lab Sample ID: 705-38256-13**

No Detections.

Client Sample ID: SCH-PZ-14S **Lab Sample ID: 705-38256-14**

No Detections.

Client Sample ID: SCH-AP1-FD-4 **Lab Sample ID: 705-38256-15**

No Detections.

Client Sample ID: SCH-AP1-FD-3 **Lab Sample ID: 705-38256-16**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-PZ-71
Lab Sample ID: 705-38256-1
Date Collected: 07/29/25 15:36
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.256	U	0.259	0.260	1.00	0.401	pCi/L	08/04/25 08:10	09/02/25 23:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*52.9*		*30 - 110*	*08/04/25 08:10*	*09/02/25 23:22*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.585	U	0.597	0.599	1.00	0.965	pCi/L	08/04/25 08:14	09/02/25 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*52.9*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:54*	*1*
Y Carrier	*81.1*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:54*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.841	U	0.651	0.653	5.00	0.965	pCi/L		09/16/25 13:03	1

Client Sample ID: SCH-PZ-42I
Lab Sample ID: 705-38256-2
Date Collected: 07/29/25 15:06
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0654	U	0.169	0.169	1.00	0.315	pCi/L	08/04/25 08:10	09/02/25 23:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.7*		*30 - 110*	*08/04/25 08:10*	*09/02/25 23:28*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.687	U	0.481	0.485	1.00	0.734	pCi/L	08/04/25 08:14	09/02/25 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.7*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:54*	*1*
Y Carrier	*77.0*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:54*	*1*

Client Sample ID: SCH-PZ-42I
Lab Sample ID: 705-38256-2
Date Collected: 07/29/25 15:06
Matrix: Water
Date Received: 07/30/25 11:10

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.752		0.510	0.514	5.00	0.734	pCi/L		09/16/25 13:03	1

Client Sample ID: SCH-AP1-FB-3
Lab Sample ID: 705-38256-3
Date Collected: 07/29/25 15:20
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0566	U	0.169	0.169	1.00	0.316	pCi/L	08/04/25 08:10	09/02/25 23:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*08/04/25 08:10*	*09/02/25 23:28*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.229	U	0.337	0.337	1.00	0.569	pCi/L	08/04/25 08:14	09/02/25 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:54*	*1*
Y Carrier	*78.9*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:54*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.286	U	0.377	0.377	5.00	0.569	pCi/L		09/16/25 13:03	1

Client Sample ID: SCH-PZ-39S
Lab Sample ID: 705-38256-4
Date Collected: 07/29/25 09:41
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0332	U	0.166	0.166	1.00	0.325	pCi/L	08/04/25 08:10	09/02/25 23:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.6*		*30 - 110*	*08/04/25 08:10*	*09/02/25 23:29*	*1*

Client Sample ID: SCH-PZ-39S
Lab Sample ID: 705-38256-4
Date Collected: 07/29/25 09:41
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.356	U	0.385	0.386	1.00	0.626	pCi/L	08/04/25 08:14	09/02/25 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.6*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:54*	*1*
Y Carrier	*75.1*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:54*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.389	U	0.419	0.420	5.00	0.626	pCi/L		09/16/25 13:03	1

Client Sample ID: SCH-PZ-44I
Lab Sample ID: 705-38256-5
Date Collected: 07/29/25 09:18
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.000	U	0.139	0.139	1.00	0.291	pCi/L	08/04/25 08:10	09/02/25 23:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*08/04/25 08:10*	*09/02/25 23:29*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.176	U	0.343	0.343	1.00	0.595	pCi/L	08/04/25 08:14	09/02/25 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:55*	*1*
Y Carrier	*76.6*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:55*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.176	U	0.370	0.370	5.00	0.595	pCi/L		09/16/25 13:03	1

Client Sample ID: SCH-PZ-69I

Lab Sample ID: 705-38256-6

Date Collected: 07/29/25 10:16

Matrix: Water

Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.119	U	0.170	0.171	1.00	0.290	pCi/L	08/04/25 08:10	09/02/25 23:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*08/04/25 08:10*	*09/02/25 23:29*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.828**		0.398	0.405	1.00	0.547	pCi/L	08/04/25 08:14	09/02/25 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:55*	*1*
Y Carrier	*81.9*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:55*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.947**		0.433	0.440	5.00	0.547	pCi/L		09/16/25 13:03	1

Client Sample ID: SCH-AP1-EB-4

Lab Sample ID: 705-38256-7

Date Collected: 07/29/25 09:20

Matrix: Water

Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0172	U	0.181	0.181	1.00	0.369	pCi/L	08/04/25 08:10	09/02/25 23:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*30 - 110*	*08/04/25 08:10*	*09/02/25 23:29*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.338	U	0.300	0.302	1.00	0.472	pCi/L	08/04/25 08:14	09/02/25 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:55*	*1*
Y Carrier	*90.1*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:55*	*1*

Client Sample ID: SCH-AP1-EB-4
Lab Sample ID: 705-38256-7

Date Collected: 07/29/25 09:20
Matrix: Water
Date Received: 07/30/25 11:10

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.321	U	0.350	0.352	5.00	0.472	pCi/L		09/16/25 13:03	1

Client Sample ID: SCH-PZ-43S
Lab Sample ID: 705-38256-8

Date Collected: 07/29/25 11:30
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0364	U	0.173	0.173	1.00	0.334	pCi/L	08/04/25 08:10	09/02/25 23:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*08/04/25 08:10*	*09/02/25 23:29*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.352	U	0.404	0.405	1.00	0.662	pCi/L	08/04/25 08:14	09/02/25 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:55*	*1*
Y Carrier	*71.4*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:55*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.389	U	0.439	0.440	5.00	0.662	pCi/L		09/16/25 13:03	1

Client Sample ID: SCH-PZ-17I
Lab Sample ID: 705-38256-9

Date Collected: 07/29/25 11:48
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.254	U	0.218	0.220	1.00	0.331	pCi/L	08/04/25 08:10	09/02/25 23:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*30 - 110*	*08/04/25 08:10*	*09/02/25 23:28*	*1*

Client Sample ID: SCH-PZ-17I
Lab Sample ID: 705-38256-9

Date Collected: 07/29/25 11:48
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.260	U	0.477	0.478	1.00	0.990	pCi/L	08/04/25 08:14	09/02/25 17:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*30 - 110*	*08/04/25 08:14*	*09/02/25 17:02*	*1*
Y Carrier	*80.7*		*30 - 110*	*08/04/25 08:14*	*09/02/25 17:02*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.00630	U	0.524	0.526	5.00	0.990	pCi/L		09/16/25 13:03	1

Client Sample ID: SCH-PZ-40I
Lab Sample ID: 705-38256-10

Date Collected: 07/29/25 11:45
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.120	U	0.177	0.177	1.00	0.302	pCi/L	08/04/25 08:10	09/02/25 23:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.9*		*30 - 110*	*08/04/25 08:10*	*09/02/25 23:28*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.882**		0.426	0.434	1.00	0.581	pCi/L	09/05/25 08:40	09/12/25 12:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.8*		*30 - 110*	*09/05/25 08:40*	*09/12/25 12:02*	*1*
Y Carrier	*84.5*		*30 - 110*	*09/05/25 08:40*	*09/12/25 12:02*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.00**		0.461	0.469	5.00	0.581	pCi/L		09/12/25 15:59	1

Client Sample ID: SCH-AP1-EB-3
Lab Sample ID: 705-38256-11

Date Collected: 07/29/25 11:55
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0400	U	0.172	0.172	1.00	0.328	pCi/L	08/04/25 08:10	09/02/25 23:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*08/04/25 08:10*	*09/02/25 23:28*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0953	U	0.285	0.285	1.00	0.511	pCi/L	08/04/25 08:14	09/02/25 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:55*	*1*
Y Carrier	*82.2*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:55*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.135	U	0.333	0.333	5.00	0.511	pCi/L		09/16/25 13:03	1

Client Sample ID: SCH-PZ-41S
Lab Sample ID: 705-38256-12

Date Collected: 07/29/25 13:37
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.197	U	0.177	0.177	1.00	0.268	pCi/L	08/04/25 08:10	09/03/25 07:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*08/04/25 08:10*	*09/03/25 07:27*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0627	U	0.249	0.249	1.00	0.499	pCi/L	08/04/25 08:14	09/02/25 11:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:56*	*1*
Y Carrier	*80.0*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:56*	*1*

Client Sample ID: SCH-PZ-41S
Lab Sample ID: 705-38256-12

Date Collected: 07/29/25 13:37
Matrix: Water
Date Received: 07/30/25 11:10

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.135	U	0.305	0.305	5.00	0.499	pCi/L		09/16/25 13:03	1

Client Sample ID: SCH-PZ-70
Lab Sample ID: 705-38256-13

Date Collected: 07/29/25 13:30
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.167	U	0.174	0.174	1.00	0.274	pCi/L	08/04/25 08:10	09/03/25 07:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.4*		*30 - 110*	*08/04/25 08:10*	*09/03/25 07:27*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.419	U	0.410	0.412	1.00	0.660	pCi/L	08/04/25 08:14	09/02/25 11:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.4*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:56*	*1*
Y Carrier	*85.2*		*30 - 110*	*08/04/25 08:14*	*09/02/25 11:56*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.586	U	0.445	0.447	5.00	0.660	pCi/L		09/16/25 13:03	1

Client Sample ID: SCH-PZ-14S
Lab Sample ID: 705-38256-14

Date Collected: 07/29/25 13:35
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0611	U	0.112	0.112	1.00	0.275	pCi/L	08/04/25 08:10	09/03/25 07:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.9*		*30 - 110*	*08/04/25 08:10*	*09/03/25 07:27*	*1*

Client Sample ID: SCH-PZ-14S
Lab Sample ID: 705-38256-14

Date Collected: 07/29/25 13:35
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.275	U	0.351	0.352	1.00	0.584	pCi/L	09/05/25 08:40	09/12/25 12:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.7*		*30 - 110*	*09/05/25 08:40*	*09/12/25 12:02*	*1*
Y Carrier	*84.5*		*30 - 110*	*09/05/25 08:40*	*09/12/25 12:02*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.213	U	0.368	0.369	5.00	0.584	pCi/L		09/12/25 15:59	1

Client Sample ID: SCH-AP1-FD-4
Lab Sample ID: 705-38256-15

Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.113	U	0.164	0.164	1.00	0.279	pCi/L	08/04/25 08:10	09/03/25 07:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*08/04/25 08:10*	*09/03/25 07:27*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.243	U	0.371	0.371	1.00	0.631	pCi/L	08/04/25 08:14	09/02/25 14:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*08/04/25 08:14*	*09/02/25 14:00*	*1*
Y Carrier	*81.9*		*30 - 110*	*08/04/25 08:14*	*09/02/25 14:00*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.356	U	0.406	0.406	5.00	0.631	pCi/L		09/16/25 13:03	1

Client: Southern Company
Job ID: 705-38256-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-AP1-FD-3
Lab Sample ID: 705-38256-16
Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 11:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0915	U	0.133	0.133	1.00	0.228	pCi/L	08/04/25 08:10	09/03/25 07:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*08/04/25 08:10*	*09/03/25 07:27*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.737**		0.492	0.496	1.00	0.729	pCi/L	08/04/25 08:14	09/02/25 14:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*08/04/25 08:14*	*09/02/25 14:00*	*1*
Y Carrier	*71.8*		*30 - 110*	*08/04/25 08:14*	*09/02/25 14:00*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.829**		0.510	0.514	5.00	0.729	pCi/L		09/16/25 13:03	1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-38256-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
280-211208-A-4-B MS	Matrix Spike	79.9
280-211208-B-4-C MSD	Matrix Spike Duplicate	83.4
705-38256-1	SCH-PZ-71	52.9
705-38256-2	SCH-PZ-42I	79.7
705-38256-3	SCH-AP1-FB-3	86.1
705-38256-4	SCH-PZ-39S	81.6
705-38256-5	SCH-PZ-44I	86.1
705-38256-6	SCH-PZ-69I	91.6
705-38256-7	SCH-AP1-EB-4	92.8
705-38256-8	SCH-PZ-43S	84.1
705-38256-9	SCH-PZ-17I	86.4
705-38256-10	SCH-PZ-40I	81.9
705-38256-11	SCH-AP1-EB-3	90.3
705-38256-12	SCH-PZ-41S	89.1
705-38256-13	SCH-PZ-70	80.4
705-38256-14	SCH-PZ-14S	81.9
705-38256-15	SCH-AP1-FD-4	89.6
705-38256-16	SCH-AP1-FD-3	90.6
LCS 160-730299/2-A	Lab Control Sample	79.4
MB 160-730299/1-A	Method Blank	92.1

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
280-211208-A-4-D MS	Matrix Spike	79.9	76.3
280-211208-B-4-D MSD	Matrix Spike Duplicate	83.4	70.7
280-211208-B-4-F MS	Matrix Spike	82.4	81.9
280-211208-B-4-G MSD	Matrix Spike Duplicate	90.5	80.4
705-38256-1	SCH-PZ-71	52.9	81.1
705-38256-2	SCH-PZ-42I	79.7	77.0
705-38256-3	SCH-AP1-FB-3	86.1	78.9
705-38256-4	SCH-PZ-39S	81.6	75.1
705-38256-5	SCH-PZ-44I	86.1	76.6
705-38256-6	SCH-PZ-69I	91.6	81.9
705-38256-7	SCH-AP1-EB-4	92.8	90.1
705-38256-8	SCH-PZ-43S	84.1	71.4
705-38256-9	SCH-PZ-17I	86.4	80.7
705-38256-10	SCH-PZ-40I	79.8	84.5
705-38256-11	SCH-AP1-EB-3	90.3	82.2
705-38256-12	SCH-PZ-41S	89.1	80.0
705-38256-13	SCH-PZ-70	80.4	85.2
705-38256-14	SCH-PZ-14S	82.7	84.5
705-38256-15	SCH-AP1-FD-4	89.6	81.9
705-38256-16	SCH-AP1-FD-3	90.6	71.8

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-38256-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Method: 9320 - Radium-228 (GFPC) (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Yield (Acceptance Limits)									
		Ba	Y								
Lab Sample ID	Client Sample ID	(30-110)	(30-110)								
LCS 160-730301/2-A	Lab Control Sample	79.4	83.4								
LCS 160-734892/2-A	Lab Control Sample	84.4	83.4								
LCSD 160-734892/3-A	Lab Control Sample Dup	87.8	81.9								
MB 160-730301/1-A	Method Blank	92.1	81.1								
MB 160-734892/1-A	Method Blank	86.3	83.4								

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method Summary

Client: Southern Company
Job ID: 705-38256-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Job ID: 705-38256-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-PZ-71
Lab Sample ID: 705-38256-1
Date Collected: 07/29/25 15:36
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734472	FLC	EET SL	09/02/25 23:22
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734478	FLC	EET SL	09/02/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 13:03

Client Sample ID: SCH-PZ-42I
Lab Sample ID: 705-38256-2
Date Collected: 07/29/25 15:06
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734477	FLC	EET SL	09/02/25 23:28
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734478	FLC	EET SL	09/02/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 13:03

Client Sample ID: SCH-AP1-FB-3
Lab Sample ID: 705-38256-3
Date Collected: 07/29/25 15:20
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734477	FLC	EET SL	09/02/25 23:28
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734478	FLC	EET SL	09/02/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 13:03

Client Sample ID: SCH-PZ-39S
Lab Sample ID: 705-38256-4
Date Collected: 07/29/25 09:41
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734477	FLC	EET SL	09/02/25 23:29
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734478	FLC	EET SL	09/02/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 13:03

Lab Chronicle

Client: Southern Company
Job ID: 705-38256-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-PZ-44I
Lab Sample ID: 705-38256-5
Date Collected: 07/29/25 09:18
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734477	FLC	EET SL	09/02/25 23:29
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734478	FLC	EET SL	09/02/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 13:03

Client Sample ID: SCH-PZ-69I
Lab Sample ID: 705-38256-6
Date Collected: 07/29/25 10:16
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734477	FLC	EET SL	09/02/25 23:29
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734478	FLC	EET SL	09/02/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 13:03

Client Sample ID: SCH-AP1-EB-4
Lab Sample ID: 705-38256-7
Date Collected: 07/29/25 09:20
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734477	FLC	EET SL	09/02/25 23:29
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734478	FLC	EET SL	09/02/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 13:03

Client Sample ID: SCH-PZ-43S
Lab Sample ID: 705-38256-8
Date Collected: 07/29/25 11:30
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734477	FLC	EET SL	09/02/25 23:29
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734478	FLC	EET SL	09/02/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 13:03

Lab Chronicle

Client: Southern Company
Job ID: 705-38256-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-PZ-17I
Lab Sample ID: 705-38256-9
Date Collected: 07/29/25 11:48
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734478	FLC	EET SL	09/02/25 23:28
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734477	FLC	EET SL	09/02/25 17:02
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 13:03

Client Sample ID: SCH-PZ-40I
Lab Sample ID: 705-38256-10
Date Collected: 07/29/25 11:45
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734478	FLC	EET SL	09/02/25 23:28
Total/NA	Prep	PrecSep_0			734892	JTR	EET SL	09/05/25 08:40
Total/NA	Analysis	9320		1	735771	SWS	EET SL	09/12/25 12:02
Total/NA	Analysis	Ra226_Ra228		1	735822	SCB	EET SL	09/12/25 15:59

Client Sample ID: SCH-AP1-EB-3
Lab Sample ID: 705-38256-11
Date Collected: 07/29/25 11:55
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734478	FLC	EET SL	09/02/25 23:28
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734478	FLC	EET SL	09/02/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 13:03

Client Sample ID: SCH-PZ-41S
Lab Sample ID: 705-38256-12
Date Collected: 07/29/25 13:37
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734595	SWS	EET SL	09/03/25 07:27
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734478	FLC	EET SL	09/02/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 13:03

Lab Chronicle

Client: Southern Company
Job ID: 705-38256-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-PZ-70
Lab Sample ID: 705-38256-13
Date Collected: 07/29/25 13:30
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734595	SWS	EET SL	09/03/25 07:27
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734478	FLC	EET SL	09/02/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 13:03

Client Sample ID: SCH-PZ-14S
Lab Sample ID: 705-38256-14
Date Collected: 07/29/25 13:35
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734595	SWS	EET SL	09/03/25 07:27
Total/NA	Prep	PrecSep_0			734892	JTR	EET SL	09/05/25 08:40
Total/NA	Analysis	9320		1	735771	SWS	EET SL	09/12/25 12:02
Total/NA	Analysis	Ra226_Ra228		1	735822	SCB	EET SL	09/12/25 15:59

Client Sample ID: SCH-AP1-FD-4
Lab Sample ID: 705-38256-15
Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734595	SWS	EET SL	09/03/25 07:27
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734472	FLC	EET SL	09/02/25 14:00
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 13:03

Client Sample ID: SCH-AP1-FD-3
Lab Sample ID: 705-38256-16
Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734595	SWS	EET SL	09/03/25 07:27
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734472	FLC	EET SL	09/02/25 14:00
Total/NA	Analysis	Ra226_Ra228		1	736081	SCB	EET SL	09/16/25 13:03

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-730299/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 734472
Prep Batch: 730299

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.3491		0.213	0.215	1.00	0.278	pCi/L	08/04/25 08:10	09/02/25 23:20	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.1*		*30 - 110*	*08/04/25 08:10*	*09/02/25 23:20*	*1*

Lab Sample ID: LCS 160-730299/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 734472
Prep Batch: 730299

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.516		1.28	1.00	0.419	pCi/L	99	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*79.4*		*30 - 110*

Lab Sample ID: 280-211208-A-4-B MS
Client Sample ID: Matrix Spike
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 734472
Prep Batch: 730299

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	0.414		9.56	10.89		1.39	1.00	0.310	pCi/L	109	60 - 140		

Carrier	*MS %Yield*	*MS Qualifier*	*Limits*
Ba Carrier	*79.9*		*30 - 110*

Lab Sample ID: 280-211208-B-4-C MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 734472
Prep Batch: 730299

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226	0.414		9.55	9.566		1.26	1.00	0.305	pCi/L	96	60 - 140	0.50	1

Carrier	*MSD %Yield*	*MSD Qualifier*	*Limits*
Ba Carrier	*83.4*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-730301/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 734477
Prep Batch: 730301

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.2666	U	0.477	0.477	1.00	0.971	pCi/L	08/04/25 08:14	09/02/25 17:02	1

Method: 9320 - Radium-228 (GFPC) (Continued)

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110	08/04/25 08:14	09/02/25 17:02	1
Y Carrier	81.1		30 - 110	08/04/25 08:14	09/02/25 17:02	1

Lab Sample ID: LCS 160-730301/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 734477 — **Prep Batch: 730301**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.11	12.13		1.61	1.00	0.684	pCi/L	133	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	79.4		30 - 110
Y Carrier	83.4		30 - 110

Lab Sample ID: 280-211208-A-4-D MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 734477 — **Prep Batch: 730301**

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	1.30		9.10	15.29		1.94	1.00	0.683	pCi/L	138	60 - 140		

Carrier	MS %Yield	MS Qualifier	Limits
Ba Carrier	79.9		30 - 110
Y Carrier	76.3		30 - 110

Lab Sample ID: 280-211208-B-4-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 734478 — **Prep Batch: 730301**

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	1.30		9.09	13.62		1.79	1.00	0.714	pCi/L	119	60 - 140	0.45	1

Carrier	MSD %Yield	MSD Qualifier	Limits
Ba Carrier	83.4		30 - 110
Y Carrier	70.7		30 - 110

Lab Sample ID: MB 160-734892/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 735771 — **Prep Batch: 734892**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.6294		0.394	0.399	1.00	0.585	pCi/L	09/05/25 08:40	09/12/25 12:00	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110	09/05/25 08:40	09/12/25 12:00	1
Y Carrier	83.4		30 - 110	09/05/25 08:40	09/12/25 12:00	1

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-734892/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 735771
Prep Batch: 734892

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.08	9.102		1.28	1.00	0.591	pCi/L	100	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.4*		*30 - 110*
Y Carrier	*83.4*		*30 - 110*

Lab Sample ID: LCSD 160-734892/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 735771
Prep Batch: 734892

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			9.08	10.05		1.37	1.00	0.625	pCi/L	111	75 - 125	0.36	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*87.8*		*30 - 110*
Y Carrier	*81.9*		*30 - 110*

Lab Sample ID: 280-211208-B-4-F MS
Client Sample ID: Matrix Spike
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 735771
Prep Batch: 734892

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	2.84	G	26.8	29.70		4.09	1.00	1.55	pCi/L	100	60 - 140		

Carrier	*MS %Yield*	*MS Qualifier*	*Limits*
Ba Carrier	*82.4*		*30 - 110*
Y Carrier	*81.9*		*30 - 110*

Lab Sample ID: 280-211208-B-4-G MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 735771
Prep Batch: 734892

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	2.84	G	26.8	33.93		4.48	1.00	1.82	pCi/L	116	60 - 140	0.49	1

Carrier	*MSD %Yield*	*MSD Qualifier*	*Limits*
Ba Carrier	*90.5*		*30 - 110*
Y Carrier	*80.4*		*30 - 110*

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38256-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 9/3/2025 6:06:04 PM

JOB DESCRIPTION

CCR - Plant Scherer Additional PZs

JOB NUMBER

705-38258-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Job ID: 705-38258-2
Project/Site: CCR - Plant Scherer Additional PZs

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38258-1	SCH-PZ-25S	Water	07/29/25 15:30	07/30/25 11:10	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: J. Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:	Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			Preservation Codes: D - HNO3 N - None
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			705-38258 COC
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			Other:
Project Name: CCR - Plant Scherer Additional PZs	Project #:			Task_Code: SCH-CCR-ASSMT-2025S2
Site:	SSOW#:			Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K	7470A - App IV Mercury	6010D- App III Metals	6020B - Cobalt + Mg, Na, K	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers
			Preservation Code:				N	N	D	D	D	D	D	D	D	D	N			
SCH-PZ-25S	7/29/25	15:30	G	WG	N	N	X	X	X	X	X			X	X	X	X			5

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, (II), III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jacob Stucky	7/30/25	WSP	Michael Gremmick	7/30/25 820	Comp Now
Michael Gremmick	7/30/25 1110	Comp Now		7.30.25 1110	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	1.0 0.1 1.3 2.1 2.2

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38258-2

Login Number: 38258

List Source: Eurofins Atlanta

List Number: 1

Creator: Torres, Dominique

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38258-2

Login Number: 38258
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 07/31/25 11:31 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-38258-2
Project/Site: CCR - Plant Scherer Additional PZs

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-38258-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 7/30/2025 11:10 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.1°C, 1.0°C, 1.3°C, 2.1°C and 2.2°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium 228 Batch 730301
The Radium-228 laboratory control sample (LCS) associated with the following samples recovered at 133%: (LCS 160-730301/2-A). The limits in our LIMS system at 75-125% reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of 68-154%. The LCS is within criteria and no further action is required.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Southern Company
Project/Site: CCR - Plant Scherer Additional PZs

Job ID: 705-38258-2

Client Sample ID: SCH-PZ-25S

Date Collected: 07/29/25 15:30
Date Received: 07/30/25 11:10

Lab Sample ID: 705-38258-1

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.163	U	0.154	0.155	1.00	0.231	pCi/L	08/04/25 08:10	09/03/25 07:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.1*		*30 - 110*	*08/04/25 08:10*	*09/03/25 07:27*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.324	U	0.441	0.442	1.00	0.740	pCi/L	08/04/25 08:14	09/02/25 14:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.1*		*30 - 110*	*08/04/25 08:14*	*09/02/25 14:00*	*1*
Y Carrier	*79.3*		*30 - 110*	*08/04/25 08:14*	*09/02/25 14:00*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.487	U	0.467	0.468	5.00	0.740	pCi/L		09/03/25 14:01	1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-38258-2
Project/Site: CCR - Plant Scherer Additional PZs

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
280-211208-A-4-B MS	Matrix Spike	79.9
280-211208-B-4-C MSD	Matrix Spike Duplicate	83.4
705-38258-1	SCH-PZ-25S	83.1
LCS 160-730299/2-A	Lab Control Sample	79.4
MB 160-730299/1-A	Method Blank	92.1

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
280-211208-A-4-D MS	Matrix Spike	79.9	76.3
280-211208-B-4-D MSD	Matrix Spike Duplicate	83.4	70.7
705-38258-1	SCH-PZ-25S	83.1	79.3
LCS 160-730301/2-A	Lab Control Sample	79.4	83.4
MB 160-730301/1-A	Method Blank	92.1	81.1

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Job ID: 705-38258-2
Project/Site: CCR - Plant Scherer Additional PZs

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Job ID: 705-38258-2
Project/Site: CCR - Plant Scherer Additional PZs

Client Sample ID: SCH-PZ-25S
Lab Sample ID: 705-38258-1
Date Collected: 07/29/25 15:30
Matrix: Water
Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730299	JTR	EET SL	08/04/25 08:10
Total/NA	Analysis	9315		1	734595	SWS	EET SL	09/03/25 07:27
Total/NA	Prep	PrecSep_0			730301	JTR	EET SL	08/04/25 08:14
Total/NA	Analysis	9320		1	734472	FLC	EET SL	09/02/25 14:00
Total/NA	Analysis	Ra226_Ra228		1	734645	FLC	EET SL	09/03/25 14:01

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-730299/1-A
Matrix: Water
Analysis Batch: 734472

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730299

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.3491		0.213	0.215	1.00	0.278	pCi/L	08/04/25 08:10	09/02/25 23:20	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.1*		*30 - 110*	*08/04/25 08:10*	*09/02/25 23:20*	*1*

Lab Sample ID: LCS 160-730299/2-A
Matrix: Water
Analysis Batch: 734472

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730299

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.516		1.28	1.00	0.419	pCi/L	99	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*79.4*		*30 - 110*

Lab Sample ID: 280-211208-A-4-B MS
Matrix: Water
Analysis Batch: 734472

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 730299

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	0.414		9.56	10.89		1.39	1.00	0.310	pCi/L	109	60 - 140		

Carrier	*MS %Yield*	*MS Qualifier*	*Limits*
Ba Carrier	*79.9*		*30 - 110*

Lab Sample ID: 280-211208-B-4-C MSD
Matrix: Water
Analysis Batch: 734472

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 730299

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226	0.414		9.55	9.566		1.26	1.00	0.305	pCi/L	96	60 - 140	0.50	1

Carrier	*MSD %Yield*	*MSD Qualifier*	*Limits*
Ba Carrier	*83.4*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-730301/1-A
Matrix: Water
Analysis Batch: 734477

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730301

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.2666	U	0.477	0.477	1.00	0.971	pCi/L	08/04/25 08:14	09/02/25 17:02	1

Method: 9320 - Radium-228 (GFPC) (Continued)

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110	08/04/25 08:14	09/02/25 17:02	1
Y Carrier	81.1		30 - 110	08/04/25 08:14	09/02/25 17:02	1

Lab Sample ID: LCS 160-730301/2-A
Matrix: Water
Analysis Batch: 734477

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730301

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.11	12.13		1.61	1.00	0.684	pCi/L	133	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	79.4		30 - 110
Y Carrier	83.4		30 - 110

Lab Sample ID: 280-211208-A-4-D MS
Matrix: Water
Analysis Batch: 734477

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 730301

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	1.30	G	9.10	15.29		1.94	1.00	0.683	pCi/L	138	60 - 140		

Carrier	MS %Yield	MS Qualifier	Limits
Ba Carrier	79.9		30 - 110
Y Carrier	76.3		30 - 110

Lab Sample ID: 280-211208-B-4-D MSD
Matrix: Water
Analysis Batch: 734478

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 730301

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	1.30	G	9.09	13.62		1.79	1.00	0.714	pCi/L	119	60 - 140	0.45	1

Carrier	MSD %Yield	MSD Qualifier	Limits
Ba Carrier	83.4		30 - 110
Y Carrier	70.7		30 - 110

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38258-2
Project/Site: CCR - Plant Scherer Additional PZs

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 9/3/2025 4:06:34 PM

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

705-38261-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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Authorization



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Authorized for release by
David Fuller, Project Manager
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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38261-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38261-1	SCH-SGWC-6	Water	07/29/25 13:38	07/30/25 11:10	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: J. Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:	Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			Preservation Codes: D - HNO3 N - None
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			705-38261 COC
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			Other:
Project Name: CCR - Plant Scherer Ash Pond	Project #:			Task_Code: SCH-CCR-ASSMT-2025S2
Site:	SSOW#:			Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals + Mg, Na, K, Mn	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers
			Preservation Code:				N	N	D	D	D	D		D	D	D	N			
SCH-SGWC-6	7/29/25	13:38	G	WG			X	X	X		X	X		X	X	X	X			5

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jacob Stucky	7/30/25	WSP	Mike Gemmill	7/30/25 826	Courier NOW
Mike Gemmill	7/30/25 1110	Courier NOW		7.30.25 1110	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.0 0.1 1.3 2.1 2.2

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38261-2

Login Number: 38261

List Source: Eurofins Atlanta

List Number: 1

Creator: Smith, Brittany

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38261-2

Login Number: 38261
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 07/31/25 11:31 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-38261-2
Project/Site: CCR - Plant Scherer Ash Pond

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38261-2 — Eurofins Atlanta

Job Narrative
705-38261-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 7/30/2025 11:10 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.1°C, 1.0°C, 1.3°C, 2.1°C and 2.2°C.

Gas Flow Proportional Counter
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38261-2

Client Sample ID: SCH-SGWC-6

Date Collected: 07/29/25 13:38
Date Received: 07/30/25 11:10

Lab Sample ID: 705-38261-1

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0663	U	0.122	0.123	1.00	0.215	pCi/L	08/06/25 08:12	09/02/25 19:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.9*		*30 - 110*	*08/06/25 08:12*	*09/02/25 19:13*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.537**		0.357	0.361	1.00	0.526	pCi/L	08/06/25 08:19	08/29/25 14:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.9*		*30 - 110*	*08/06/25 08:19*	*08/29/25 14:17*	*1*
Y Carrier	*84.1*		*30 - 110*	*08/06/25 08:19*	*08/29/25 14:17*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.603**		0.377	0.381	5.00	0.526	pCi/L		09/03/25 14:01	1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-38261-2
Project/Site: CCR - Plant Scherer Ash Pond

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
		Ba							
Lab Sample ID	Client Sample ID	(30-110)							
160-59097-A-1-A DU	Duplicate	95.5							
705-38261-1	SCH-SGWC-6	77.9							
LCS 160-730797/2-A	Lab Control Sample	85.6							
MB 160-730797/1-A	Method Blank	95.3							

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
		Ba	Y						
Lab Sample ID	Client Sample ID	(30-110)	(30-110)						
160-59097-A-1-B DU	Duplicate	95.5	75.5						
705-38261-1	SCH-SGWC-6	77.9	84.1						
LCS 160-730799/2-A	Lab Control Sample	85.6	78.9						
MB 160-730799/1-A	Method Blank	95.3	81.1						

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Job ID: 705-38261-2
Project/Site: CCR - Plant Scherer Ash Pond

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38261-2

Client Sample ID: SCH-SGWC-6
Date Collected: 07/29/25 13:38
Date Received: 07/30/25 11:10

Lab Sample ID: 705-38261-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730797	JTR	EET SL	08/06/25 08:12
Total/NA	Analysis	9315		1	734477	FLC	EET SL	09/02/25 19:13
Total/NA	Prep	PrecSep_0			730799	JTR	EET SL	08/06/25 08:19
Total/NA	Analysis	9320		1	734194	SWS	EET SL	08/29/25 14:17
Total/NA	Analysis	Ra226_Ra228		1	734645	FLC	EET SL	09/03/25 14:01

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-730797/1-A
Matrix: Water
Analysis Batch: 734198

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730797

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.06803	U	0.209	0.209	1.00	0.389	pCi/L	08/06/25 08:12	08/29/25 17:43	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.3*		*30 - 110*	*08/06/25 08:12*	*08/29/25 17:43*	*1*

Lab Sample ID: LCS 160-730797/2-A
Matrix: Water
Analysis Batch: 734198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730797

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.617		1.21	1.00	0.365	pCi/L	90	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*85.6*		*30 - 110*

Lab Sample ID: 160-59097-A-1-A DU
Matrix: Water
Analysis Batch: 734198

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 730797

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.102	U		-0.04504	U	0.217	1.00	0.440	pCi/L			0.36	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*95.5*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-730799/1-A
Matrix: Water
Analysis Batch: 734193

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730799

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.2751	U	0.241	0.242	1.00	0.536	pCi/L	08/06/25 08:19	08/29/25 14:14	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.3*		*30 - 110*	*08/06/25 08:19*	*08/29/25 14:14*	*1*
Y Carrier	*81.1*		*30 - 110*	*08/06/25 08:19*	*08/29/25 14:14*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-730799/2-A
Matrix: Water
Analysis Batch: 734193

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730799

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.12	6.832		1.11	1.00	0.699	pCi/L	75	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*85.6*		*30 - 110*
Y Carrier	*78.9*		*30 - 110*

Lab Sample ID: 160-59097-A-1-B DU
Matrix: Water
Analysis Batch: 734193

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 730799

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	-0.00976	U		0.2618	U	0.347	1.00	0.578	pCi/L			0.36	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*95.5*		*30 - 110*
Y Carrier	*75.5*		*30 - 110*

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38261-2
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 9/5/2025 10:46:47 AM

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond Assessment

JOB NUMBER

705-38432-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
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Sample Summary

Client: Southern Company
Job ID: 705-38432-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38432-1	SCH-PZ-13S	Water	07/30/25 12:36	07/31/25 11:22	Georgia
705-38432-2	SCH-AP1-FB-4	Water	07/30/25 16:31	07/31/25 11:22	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Jacob Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-272-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond Assessment	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-38432 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity	Total Number of containers
			Preservation Code:				N	N	D	D	D	D	D	D	N	
SCH-PZ-13S	7/30/25	12:36	G	WG			X	X	X	X	X	X	X	X	X	5
SCH-AP1-FB-4	7/30/25	16:31	G	WQ			X	X	X	X	X	X	X	X	X	5

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Jacob Stucky	7/31/25 0828	WSP	MIKE GEMMILL	7/31/25 828	COURIER NOW
2	MIKE GEMMILL	7/31/25 1118	COURIER NOW		7.31.25 1122	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: CR #2665 3.6 3.3 3.2 2.9

Ver: 01/16/2019

9/5/2025

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-55645.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-38432-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 9/3/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Ash Pond Assessment	Project #: 70504534			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC)	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-PZ-13S (705-38432-1)	7/30/25	12:36 Eastern	G	Water			X	X	X	2	
SCH-AP1-FB-4 (705-38432-2)	7/30/25	16:31 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 7/31/25 1700	Company	Received by: M. Pinette	Date/Time: AUG 01 2025 08:15	Company
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38432-2

Login Number: 38432

List Source: Eurofins Atlanta

List Number: 1

Creator: Myndresku, Victor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38432-2

Login Number: 38432
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 08/01/25 10:07 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-38432-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38432-2 Eurofins Atlanta

Job Narrative
705-38432-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/31/2025 11:22 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.9°C, 3.2°C, 3.3°C and 3.6°C.

Gas Flow Proportional Counter
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-PZ-13S
Lab Sample ID: 705-38432-1

Date Collected: 07/30/25 12:36
Matrix: Water
Date Received: 07/31/25 11:22

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.239	U	0.206	0.207	1.00	0.306	pCi/L	08/06/25 08:02	09/03/25 19:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*08/06/25 08:02*	*09/03/25 19:13*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.277	U	0.341	0.342	1.00	0.565	pCi/L	08/06/25 08:05	09/03/25 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*08/06/25 08:05*	*09/03/25 11:55*	*1*
Y Carrier	*75.9*		*30 - 110*	*08/06/25 08:05*	*09/03/25 11:55*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.516	U	0.398	0.400	5.00	0.565	pCi/L		09/04/25 17:20	1

Client Sample ID: SCH-AP1-FB-4
Lab Sample ID: 705-38432-2

Date Collected: 07/30/25 16:31
Matrix: Water
Date Received: 07/31/25 11:22

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.117	U	0.181	0.181	1.00	0.418	pCi/L	08/06/25 08:22	09/03/25 15:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*08/06/25 08:22*	*09/03/25 15:14*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.734**		0.372	0.378	1.00	0.512	pCi/L	08/06/25 08:26	09/03/25 09:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:52*	*1*
Y Carrier	*82.2*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:52*	*1*

Client Sample Results

Client: Southern Company
Job ID: 705-38432-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-AP1-FB-4
Lab Sample ID: 705-38432-2
Date Collected: 07/30/25 16:31
Matrix: Water
Date Received: 07/31/25 11:22

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.617		0.414	0.419	5.00	0.512	pCi/L		09/04/25 17:43	1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-38432-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
240-229983-E-1-A DU	Duplicate	75.2
705-38432-1	SCH-PZ-13S	87.3
705-38432-2	SCH-AP1-FB-4	90.3
705-38437-B-5-A DU	Duplicate	91.3
LCS 160-730795/2-A	Lab Control Sample	88.3
LCS 160-730800/2-A	Lab Control Sample	86.4
MB 160-730795/1-A	Method Blank	89.6
MB 160-730800/1-A	Method Blank	87.8

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
240-229983-E-1-B DU	Duplicate	75.2	74.8
705-38432-1	SCH-PZ-13S	87.3	75.9
705-38432-2	SCH-AP1-FB-4	90.3	82.2
705-38437-B-5-B DU	Duplicate	91.3	80.4
LCS 160-730796/2-A	Lab Control Sample	88.3	82.2
LCS 160-730802/2-A	Lab Control Sample	86.4	84.9
MB 160-730796/1-A	Method Blank	89.6	78.5
MB 160-730802/1-A	Method Blank	87.8	81.1

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method Summary

Client: Southern Company
Job ID: 705-38432-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Job ID: 705-38432-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Client Sample ID: SCH-PZ-13S
Lab Sample ID: 705-38432-1
Date Collected: 07/30/25 12:36
Matrix: Water
Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730795	JTR	EET SL	08/06/25 08:02
Total/NA	Analysis	9315		1	734597	SWS	EET SL	09/03/25 19:13
Total/NA	Prep	PrecSep_0			730796	JTR	EET SL	08/06/25 08:05
Total/NA	Analysis	9320		1	734595	SWS	EET SL	09/03/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	734826	EMH	EET SL	09/04/25 17:20

Client Sample ID: SCH-AP1-FB-4
Lab Sample ID: 705-38432-2
Date Collected: 07/30/25 16:31
Matrix: Water
Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730800	JTR	EET SL	08/06/25 08:22
Total/NA	Analysis	9315		1	734597	SWS	EET SL	09/03/25 15:14
Total/NA	Prep	PrecSep_0			730802	JTR	EET SL	08/06/25 08:26
Total/NA	Analysis	9320		1	734595	SWS	EET SL	09/03/25 09:52
Total/NA	Analysis	Ra226_Ra228		1	734827	EMH	EET SL	09/04/25 17:43

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-730795/1-A
Matrix: Water
Analysis Batch: 734595

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730795

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.07112	U	0.122	0.122	1.00	0.303	pCi/L	08/06/25 08:02	09/03/25 19:02	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110	08/06/25 08:02	09/03/25 19:02	1

Lab Sample ID: LCS 160-730795/2-A
Matrix: Water
Analysis Batch: 734595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730795

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.675		1.27	1.00	0.286	pCi/L	101	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.3		30 - 110

Lab Sample ID: 240-229983-E-1-A DU
Matrix: Water
Analysis Batch: 734595

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 730795

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.249	U		0.02483	U	0.187	1.00	0.371	pCi/L			0.58	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	75.2		30 - 110

Lab Sample ID: MB 160-730800/1-A
Matrix: Water
Analysis Batch: 734597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730800

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01252	U	0.229	0.229	1.00	0.447	pCi/L	08/06/25 08:22	09/03/25 15:14	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110	08/06/25 08:22	09/03/25 15:14	1

Lab Sample ID: LCS 160-730800/2-A
Matrix: Water
Analysis Batch: 734597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730800

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.023		1.23	1.00	0.339	pCi/L	94	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-730800/2-A
Matrix: Water
Analysis Batch: 734597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730800

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	86.4		30 - 110

Lab Sample ID: 705-38437-B-5-A DU
Matrix: Water
Analysis Batch: 734598

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 730800

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0741	U		-0.06587	U	0.180	1.00	0.384	pCi/L			0.36	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	91.3		30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-730796/1-A
Matrix: Water
Analysis Batch: 734598

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730796

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2760	U	0.358	0.359	1.00	0.596	pCi/L	08/06/25 08:05	09/03/25 11:53	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110	08/06/25 08:05	09/03/25 11:53	1
Y Carrier	78.5		30 - 110	08/06/25 08:05	09/03/25 11:53	1

Lab Sample ID: LCS 160-730796/2-A
Matrix: Water
Analysis Batch: 734598

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730796

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.10	10.15		1.37	1.00	0.570	pCi/L	112	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.3		30 - 110
Y Carrier	82.2		30 - 110

Lab Sample ID: 240-229983-E-1-B DU
Matrix: Water
Analysis Batch: 734598

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 730796

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.341	U		0.4038	U	0.428	1.00	0.690	pCi/L			0.07	1

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 240-229983-E-1-B DU
Matrix: Water
Analysis Batch: 734598

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 730796

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	75.2		30 - 110
Y Carrier	74.8		30 - 110

Lab Sample ID: MB 160-730802/1-A
Matrix: Water
Analysis Batch: 734595

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730802

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.8892		0.395	0.404	1.00	0.521	pCi/L	08/06/25 08:26	09/03/25 09:52	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110	08/06/25 08:26	09/03/25 09:52	1
Y Carrier	81.1		30 - 110	08/06/25 08:26	09/03/25 09:52	1

Lab Sample ID: LCS 160-730802/2-A
Matrix: Water
Analysis Batch: 734595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730802

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.10	9.937		1.36	1.00	0.578	pCi/L	109	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	86.4		30 - 110
Y Carrier	84.9		30 - 110

Lab Sample ID: 705-38437-B-5-B DU
Matrix: Water
Analysis Batch: 734597

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 730802

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.959			0.4008	U	0.354	1.00	0.555	pCi/L			0.71	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	91.3		30 - 110
Y Carrier	80.4		30 - 110

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38432-2
Project/Site: CCR - Plant Scherer Ash Pond Assessment

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 9/5/2025 11:34:07 AM

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

705-38437-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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9/5/2025 11:34:07 AM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Job ID: 705-38437-2
Project/Site: CCR - Plant Scherer Ash Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38437-1	SCH-SGWC-8	Water	07/30/25 09:50	07/31/25 11:22	Georgia
705-38437-2	SCH-SGWC-7	Water	07/30/25 10:40	07/31/25 11:22	Georgia
705-38437-3	SCH-SGWC-10	Water	07/30/25 13:04	07/31/25 11:22	Georgia
705-38437-4	SCH-AP1-EB-2	Water	07/30/25 15:05	07/31/25 11:22	Georgia
705-38437-5	SCH-SGWC-13	Water	07/30/25 14:10	07/31/25 11:22	Georgia
705-38437-6	SCH-SGWA-25	Water	07/30/25 14:25	07/31/25 11:22	Georgia
705-38437-7	SCH-SGWC-9	Water	07/30/25 12:11	07/31/25 11:22	Georgia
705-38437-8	SCH-SGWC-15	Water	07/30/25 11:40	07/31/25 11:22	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: Jacob Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 551-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-38437 COC

Other:

Task_Code:
SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity	Total Number of containers	
			Preservation Code:				N	N	D	D	D	D	D	D	D	N		
SCH-SGWC-8	7/30/25	09:50	G	WG			X	X	X	X		X	X	X	X	X	5	
SCH-SGWC-7	7/30/25	10:40	G	WG			X	X	X	X		X	X	X	X	X	5	
SCH-SGWC-10	7/30/25	13:04	G	WG			X	X	X		X	X	X	X	X	X	5	
SCH-AP1-EB-2	7/30/25	15:05	G	WQ			X	X	X		X	X	X	X	X	X	5	
SCH-SGWC-13	7/30/25	14:10	G	WG			X	X	X	X		X	X	X	X	X	7	Extra Rad
SCH-SGWA-25	7/30/25	14:25	G	WG			X	X	X	X		X	X	X	X	X	5	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, (II), III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jacob Stucky	7/31/25 0828	WSP	Mike Gemmill	7/31/25 0828	Courier Now
Mike Gemmill	7/31/25 1118	Courier Now		7.31.25 11:22	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: #2665 3.6 3.3 3.2 2.9

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Environment Testing

Client Information	Sampler: J. Sfucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:	Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			Preservation Codes: D - HNO3 N - None
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			Other:
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			Task_Code: SCH-CCR-ASSMT-2025S2
Project Name: CCR - Plant Scherer Ash Pond	Project #:			Special Instructions/Notes:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers	
			Preservation Code:				N	N	D	D	D	D		D	D	D	N				
SCH-SGWC-8	7/30/25	09:50	G	WG			X	X	X	X		X		X	X	X	X			5	
SCH-SGWC-7	7/30/25	10:40	G	WG			X	X	X	X		X		X	X	X	X			5	
SCH-SGWC-10	7/30/25	13:04	G	WG			X	X	X		X	X		X	X	X	X			5	
SCH-AP1-EB-2	7/30/25	15:05	G	WQ			X	X	X		X	X		X	X	X	X			5	
SCH-SGWC-13	7/30/25	14:10	G	WG			X	X	X	X		X		X	X	X	X			7	Extra Rad
SCH-SGWA-25	7/30/25	14:25	G	WG			X	X	X	X		X		X	X	X	X			5	
SCH-SGWC-9	7/30/25	12:11	G	WG			X	X	X	X		X		X	X	X	X			5	
SCH-SGWC-15	7/30/25	11:40	G	WG			X	X	X		X	X		X	X	X	X			5	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
Jacob Sfucky	7/31/25 1536	WSP			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-55645.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-38437-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 9/3/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Ash Pond	Project #: 70504534			
Site: N/A	SSOW#: N/A			

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC)	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-SGWC-8 (705-38437-1)	7/30/25	09:50 Eastern	G	Water			X	X	X	2	
SCH-SGWC-7 (705-38437-2)	7/30/25	10:40 Eastern	G	Water			X	X	X	2	
SCH-SGWC-10 (705-38437-3)	7/30/25	13:04 Eastern	G	Water			X	X	X	2	
SCH-AP1-EB-2 (705-38437-4)	7/30/25	15:05 Eastern	G	Water			X	X	X	2	
SCH-SGWC-13 (705-38437-5)	7/30/25	14:10 Eastern	G	Water			X	X	X	4	
SCH-SGWA-25 (705-38437-6)	7/30/25	14:25 Eastern	G	Water			X	X	X	2	
SCH-SGWC-9 (705-38437-7)	7/30/25	12:11 Eastern	G	Water			X	X	X	2	
SCH-SGWC-15 (705-38437-8)	7/30/25	11:40 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		7/31/25 1700		M. Pinette	AUG 01 2025 0815	
2				Meadow Pinette		
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38437-2

Login Number: 38437

List Source: Eurofins Atlanta

List Number: 1

Creator: Myndresku, Victor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38437-2

Login Number: 38437
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 08/01/25 10:07 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-38437-2
Project/Site: CCR - Plant Scherer Ash Pond

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-38437-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/31/2025 11:22 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.9°C, 3.2°C, 3.3°C and 3.6°C.

Gas Flow Proportional Counter
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-SGWC-8

Lab Sample ID: 705-38437-1

Date Collected: 07/30/25 09:50

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.815**		0.330	0.338	1.00	0.366	pCi/L	08/06/25 08:22	09/03/25 15:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.6*		*30 - 110*	*08/06/25 08:22*	*09/03/25 15:14*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.73**		0.498	0.523	1.00	0.545	pCi/L	08/06/25 08:26	09/03/25 09:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.6*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:52*	*1*
Y Carrier	*80.4*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:52*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**2.55**		0.597	0.623	5.00	0.545	pCi/L		09/04/25 17:43	1

Client Sample ID: SCH-SGWC-7

Lab Sample ID: 705-38437-2

Date Collected: 07/30/25 10:40

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0511	U	0.163	0.163	1.00	0.357	pCi/L	08/06/25 08:22	09/03/25 15:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*08/06/25 08:22*	*09/03/25 15:14*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.44**		0.482	0.500	1.00	0.576	pCi/L	08/06/25 08:26	09/03/25 09:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:52*	*1*
Y Carrier	*75.5*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:52*	*1*

Client Sample ID: SCH-SGWC-7
Lab Sample ID: 705-38437-2
Date Collected: 07/30/25 10:40
Matrix: Water
Date Received: 07/31/25 11:22

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.39**		0.509	0.526	5.00	0.576	pCi/L		09/04/25 17:43	1

Client Sample ID: SCH-SGWC-10
Lab Sample ID: 705-38437-3
Date Collected: 07/30/25 13:04
Matrix: Water
Date Received: 07/31/25 11:22

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0203	U	0.266	0.266	1.00	0.507	pCi/L	08/06/25 08:22	09/03/25 15:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.9*		*30 - 110*	*08/06/25 08:22*	*09/03/25 15:14*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.749**		0.464	0.470	1.00	0.684	pCi/L	08/06/25 08:26	09/03/25 09:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.9*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:58*	*1*
Y Carrier	*76.3*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:58*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.770**		0.535	0.540	5.00	0.684	pCi/L		09/04/25 17:43	1

Client Sample ID: SCH-AP1-EB-2
Lab Sample ID: 705-38437-4
Date Collected: 07/30/25 15:05
Matrix: Water
Date Received: 07/31/25 11:22

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.226	U	0.193	0.194	1.00	0.470	pCi/L	08/06/25 08:22	09/03/25 15:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*08/06/25 08:22*	*09/03/25 15:14*	*1*

Client Sample ID: SCH-AP1-EB-2

Lab Sample ID: 705-38437-4

Date Collected: 07/30/25 15:05

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.770		0.394	0.400	1.00	0.539	pCi/L	08/06/25 08:26	09/03/25 09:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:58*	*1*
Y Carrier	*75.1*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:58*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.544		0.439	0.445	5.00	0.539	pCi/L		09/04/25 17:43	1

Client Sample ID: SCH-SGWC-13

Lab Sample ID: 705-38437-5

Date Collected: 07/30/25 14:10

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0741	U	0.207	0.207	1.00	0.378	pCi/L	08/06/25 08:22	09/03/25 15:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*08/06/25 08:22*	*09/03/25 15:15*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.959		0.422	0.431	1.00	0.568	pCi/L	08/06/25 08:26	09/03/25 09:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:58*	*1*
Y Carrier	*80.7*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:58*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.03		0.470	0.478	5.00	0.568	pCi/L		09/04/25 17:43	1

Client Sample ID: SCH-SGWA-25

Lab Sample ID: 705-38437-6

Date Collected: 07/30/25 14:25

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0199	U	0.173	0.173	1.00	0.343	pCi/L	08/06/25 08:22	09/03/25 15:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*08/06/25 08:22*	*09/03/25 15:16*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.306	U	0.390	0.391	1.00	0.648	pCi/L	08/06/25 08:26	09/03/25 09:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:58*	*1*
Y Carrier	*77.4*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:58*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.326	U	0.427	0.428	5.00	0.648	pCi/L		09/04/25 17:43	1

Client Sample ID: SCH-SGWC-9

Lab Sample ID: 705-38437-7

Date Collected: 07/30/25 12:11

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0215	U	0.164	0.164	1.00	0.343	pCi/L	08/06/25 08:22	09/03/25 15:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*08/06/25 08:22*	*09/03/25 15:16*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.42**		0.465	0.483	1.00	0.560	pCi/L	08/06/25 08:26	09/03/25 09:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:58*	*1*
Y Carrier	*80.4*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:58*	*1*

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-2

Client Sample ID: SCH-SGWC-9

Lab Sample ID: 705-38437-7

Date Collected: 07/30/25 12:11

Matrix: Water

Date Received: 07/31/25 11:22

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.40**		0.493	0.510	5.00	0.560	pCi/L		09/04/25 17:43	1

Client Sample ID: SCH-SGWC-15

Lab Sample ID: 705-38437-8

Date Collected: 07/30/25 11:40

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.118	U	0.189	0.190	1.00	0.433	pCi/L	08/06/25 08:22	09/03/25 15:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.9*		*30 - 110*	*08/06/25 08:22*	*09/03/25 15:16*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.707	U	0.479	0.484	1.00	0.720	pCi/L	08/06/25 08:26	09/03/25 09:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.9*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:58*	*1*
Y Carrier	*73.6*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:58*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.588	U	0.515	0.520	5.00	0.720	pCi/L		09/04/25 17:43	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
705-38437-1	SCH-SGWC-8	85.6
705-38437-2	SCH-SGWC-7	91.6
705-38437-3	SCH-SGWC-10	78.9
705-38437-4	SCH-AP1-EB-2	91.6
705-38437-5	SCH-SGWC-13	91.6
705-38437-5 DU	SCH-SGWC-13	91.3
705-38437-6	SCH-SGWA-25	87.6
705-38437-7	SCH-SGWC-9	92.3
705-38437-8	SCH-SGWC-15	77.9
LCS 160-730800/2-A	Lab Control Sample	86.4
MB 160-730800/1-A	Method Blank	87.8

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
705-38437-1	SCH-SGWC-8	85.6	80.4
705-38437-2	SCH-SGWC-7	91.6	75.5
705-38437-3	SCH-SGWC-10	78.9	76.3
705-38437-4	SCH-AP1-EB-2	91.6	75.1
705-38437-5	SCH-SGWC-13	91.6	80.7
705-38437-5 DU	SCH-SGWC-13	91.3	80.4
705-38437-6	SCH-SGWA-25	87.6	77.4
705-38437-7	SCH-SGWC-9	92.3	80.4
705-38437-8	SCH-SGWC-15	77.9	73.6
LCS 160-730802/2-A	Lab Control Sample	86.4	84.9
MB 160-730802/1-A	Method Blank	87.8	81.1

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-2

Client Sample ID: SCH-SGWC-8

Lab Sample ID: 705-38437-1

Date Collected: 07/30/25 09:50

Matrix: Water

Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730800	JTR	EET SL	08/06/25 08:22
Total/NA	Analysis	9315		1	734597	SWS	EET SL	09/03/25 15:14
Total/NA	Prep	PrecSep_0			730802	JTR	EET SL	08/06/25 08:26
Total/NA	Analysis	9320		1	734595	SWS	EET SL	09/03/25 09:52
Total/NA	Analysis	Ra226_Ra228		1	734827	EMH	EET SL	09/04/25 17:43

Client Sample ID: SCH-SGWC-7

Lab Sample ID: 705-38437-2

Date Collected: 07/30/25 10:40

Matrix: Water

Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730800	JTR	EET SL	08/06/25 08:22
Total/NA	Analysis	9315		1	734597	SWS	EET SL	09/03/25 15:14
Total/NA	Prep	PrecSep_0			730802	JTR	EET SL	08/06/25 08:26
Total/NA	Analysis	9320		1	734595	SWS	EET SL	09/03/25 09:52
Total/NA	Analysis	Ra226_Ra228		1	734827	EMH	EET SL	09/04/25 17:43

Client Sample ID: SCH-SGWC-10

Lab Sample ID: 705-38437-3

Date Collected: 07/30/25 13:04

Matrix: Water

Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730800	JTR	EET SL	08/06/25 08:22
Total/NA	Analysis	9315		1	734597	SWS	EET SL	09/03/25 15:14
Total/NA	Prep	PrecSep_0			730802	JTR	EET SL	08/06/25 08:26
Total/NA	Analysis	9320		1	734597	SWS	EET SL	09/03/25 09:58
Total/NA	Analysis	Ra226_Ra228		1	734827	EMH	EET SL	09/04/25 17:43

Client Sample ID: SCH-AP1-EB-2

Lab Sample ID: 705-38437-4

Date Collected: 07/30/25 15:05

Matrix: Water

Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730800	JTR	EET SL	08/06/25 08:22
Total/NA	Analysis	9315		1	734597	SWS	EET SL	09/03/25 15:14
Total/NA	Prep	PrecSep_0			730802	JTR	EET SL	08/06/25 08:26
Total/NA	Analysis	9320		1	734597	SWS	EET SL	09/03/25 09:58
Total/NA	Analysis	Ra226_Ra228		1	734827	EMH	EET SL	09/04/25 17:43

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-2

Client Sample ID: SCH-SGWC-13

Lab Sample ID: 705-38437-5

Date Collected: 07/30/25 14:10
Matrix: Water
Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730800	JTR	EET SL	08/06/25 08:22
Total/NA	Analysis	9315		1	734598	SWS	EET SL	09/03/25 15:15
Total/NA	Prep	PrecSep_0			730802	JTR	EET SL	08/06/25 08:26
Total/NA	Analysis	9320		1	734597	SWS	EET SL	09/03/25 09:58
Total/NA	Analysis	Ra226_Ra228		1	734827	EMH	EET SL	09/04/25 17:43

Client Sample ID: SCH-SGWA-25

Lab Sample ID: 705-38437-6

Date Collected: 07/30/25 14:25
Matrix: Water
Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730800	JTR	EET SL	08/06/25 08:22
Total/NA	Analysis	9315		1	734598	SWS	EET SL	09/03/25 15:16
Total/NA	Prep	PrecSep_0			730802	JTR	EET SL	08/06/25 08:26
Total/NA	Analysis	9320		1	734597	SWS	EET SL	09/03/25 09:58
Total/NA	Analysis	Ra226_Ra228		1	734827	EMH	EET SL	09/04/25 17:43

Client Sample ID: SCH-SGWC-9

Lab Sample ID: 705-38437-7

Date Collected: 07/30/25 12:11
Matrix: Water
Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730800	JTR	EET SL	08/06/25 08:22
Total/NA	Analysis	9315		1	734598	SWS	EET SL	09/03/25 15:16
Total/NA	Prep	PrecSep_0			730802	JTR	EET SL	08/06/25 08:26
Total/NA	Analysis	9320		1	734597	SWS	EET SL	09/03/25 09:58
Total/NA	Analysis	Ra226_Ra228		1	734827	EMH	EET SL	09/04/25 17:43

Client Sample ID: SCH-SGWC-15

Lab Sample ID: 705-38437-8

Date Collected: 07/30/25 11:40
Matrix: Water
Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730800	JTR	EET SL	08/06/25 08:22
Total/NA	Analysis	9315		1	734598	SWS	EET SL	09/03/25 15:16
Total/NA	Prep	PrecSep_0			730802	JTR	EET SL	08/06/25 08:26
Total/NA	Analysis	9320		1	734597	SWS	EET SL	09/03/25 09:58
Total/NA	Analysis	Ra226_Ra228		1	734827	EMH	EET SL	09/04/25 17:43

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38437-2

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-730800/1-A
Matrix: Water
Analysis Batch: 734597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730800

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01252	U	0.229	0.229	1.00	0.447	pCi/L	08/06/25 08:22	09/03/25 15:14	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.8*		*30 - 110*	*08/06/25 08:22*	*09/03/25 15:14*	*1*

Lab Sample ID: LCS 160-730800/2-A
Matrix: Water
Analysis Batch: 734597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730800

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.023		1.23	1.00	0.339	pCi/L	94	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.4*		*30 - 110*

Lab Sample ID: 705-38437-5 DU
Matrix: Water
Analysis Batch: 734598

Client Sample ID: SCH-SGWC-13
Prep Type: Total/NA
Prep Batch: 730800

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0741	U		-0.06587	U	0.180	1.00	0.384	pCi/L			0.36	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*91.3*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-730802/1-A
Matrix: Water
Analysis Batch: 734595

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730802

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.8892		0.395	0.404	1.00	0.521	pCi/L	08/06/25 08:26	09/03/25 09:52	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.8*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:52*	*1*
Y Carrier	*81.1*		*30 - 110*	*08/06/25 08:26*	*09/03/25 09:52*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-730802/2-A
Matrix: Water
Analysis Batch: 734595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730802

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.10	9.937		1.36	1.00	0.578	pCi/L	109	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.4*		*30 - 110*
Y Carrier	*84.9*		*30 - 110*

Lab Sample ID: 705-38437-5 DU
Matrix: Water
Analysis Batch: 734597

Client Sample ID: SCH-SGWC-13
Prep Type: Total/NA
Prep Batch: 730802

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.959			0.4008	U	0.354	1.00	0.555	pCi/L			0.71	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*91.3*		*30 - 110*
Y Carrier	*80.4*		*30 - 110*

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38437-2
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 9/5/2025 2:45:19 PM

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

705-38624-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Job ID: 705-38624-2
Project/Site: CCR - Plant Scherer Ash Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38624-1	SCH-SGWA-5	Water	07/31/25 10:30	08/01/25 15:30	Georgia
705-38624-2	SCH-AP1-FB-1	Water	07/31/25 11:13	08/01/25 15:30	Georgia
705-38624-3	SCH-SGWC-11	Water	07/31/25 14:45	08/01/25 15:30	Georgia
705-38624-4	SCH-AP1-FB-2	Water	07/31/25 16:00	08/01/25 15:30	Georgia
705-38624-5	SCH-SGWC-12	Water	07/31/25 09:32	08/01/25 15:30	Georgia
705-38624-6	SCH-SGWC-14	Water	07/31/25 10:58	08/01/25 15:30	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: JACOB STUCKY	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-38624 COC

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers	Task_Code: SCH-CCR-ASSMT-2025S2 Special Instructions/Notes:
			Preservation Code:				N	N	D	D	D	D		D	D	D	N				
SCH-SGWA-5	7/31/25	1030	G	WG			X	X	X	X		X		X	X	X	X			5	
SCH-AP1-FB-1	7/31/25	1113	G	WQ			X	X	X	X		X		X	X	X	X			5	
SCH-SGWC-11	7/31/25	1445	G	WG			X	X	X		X	X		X	X	X	X			5	
SCH-AP1-FB-2	7/31/25	1600	G	WQ			X	X	X		X	X		X	X	X	X			5	
SCH-SGWC-12	7/31/25	0932	G	WG			X	X	X	X		X		X	X	X	X			5	
SCH-SGWC-14	7/31/25	1058	G	WG			X	X	X		X	X		X	X	X	X			5	

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For _____ Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Joju Abraham	8/1/25 1530	WSP		8/1/25 1530	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.9 2.1 3.0 #2665

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-55884.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-38624-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/14/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Ash Pond	Project #: 70504534			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:
-

Other:
N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-SGWA-5 (705-38624-1)	7/31/25	10:30 Eastern	G	Water			X	X	X	2	
SCH-AP1-FB-1 (705-38624-2)	7/31/25	11:13 Eastern	G	Water			X	X	X	2	
SCH-SGWC-11 (705-38624-3)	7/31/25	14:45 Eastern	G	Water			X	X	X	2	
SCH-AP1-FB-2 (705-38624-4)	7/31/25	16:00 Eastern	G	Water			X	X	X	2	
SCH-SGWC-12 (705-38624-5)	7/31/25	09:32 Eastern	G	Water			X	X	X	2	
SCH-SGWC-14 (705-38624-6)	7/31/25	10:58 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	8/1/25 1700		Sierra Worthington	AUG 05 2025 0915	EMSL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38624-2

Login Number: 38624

List Source: Eurofins Atlanta

List Number: 1

Creator: Sims, Christion

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38624-2

Login Number: 38624
List Number: 2
Creator: Worthington, Sierra M

List Source: Eurofins St. Louis
List Creation: 08/05/25 11:36 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-38624-2
Project/Site: CCR - Plant Scherer Ash Pond

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-38624-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/1/2025 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.1°C, 2.9°C and 3.0°C.

Gas Flow Proportional Counter
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-SGWA-5

Lab Sample ID: 705-38624-1

Date Collected: 07/31/25 10:30

Matrix: Water

Date Received: 08/01/25 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0386	U	0.150	0.150	1.00	0.329	pCi/L	08/07/25 07:42	09/04/25 17:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.5*		*30 - 110*	*08/07/25 07:42*	*09/04/25 17:05*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.361	U	0.306	0.308	1.00	0.476	pCi/L	08/07/25 07:48	09/04/25 11:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.5*		*30 - 110*	*08/07/25 07:48*	*09/04/25 11:44*	*1*
Y Carrier	*75.9*		*30 - 110*	*08/07/25 07:48*	*09/04/25 11:44*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.322	U	0.341	0.343	5.00	0.476	pCi/L		09/05/25 12:27	1

Client Sample ID: SCH-AP1-FB-1

Lab Sample ID: 705-38624-2

Date Collected: 07/31/25 11:13

Matrix: Water

Date Received: 08/01/25 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0717	U	0.153	0.153	1.00	0.349	pCi/L	08/07/25 07:42	09/04/25 17:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*30 - 110*	*08/07/25 07:42*	*09/04/25 17:12*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.582**		0.364	0.368	1.00	0.541	pCi/L	08/07/25 07:48	09/04/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*30 - 110*	*08/07/25 07:48*	*09/04/25 11:45*	*1*
Y Carrier	*84.9*		*30 - 110*	*08/07/25 07:48*	*09/04/25 11:45*	*1*

Client Sample ID: SCH-AP1-FB-1
Lab Sample ID: 705-38624-2
Date Collected: 07/31/25 11:13
Matrix: Water
Date Received: 08/01/25 15:30

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.510	U	0.395	0.399	5.00	0.541	pCi/L		09/05/25 12:27	1

Client Sample ID: SCH-SGWC-11
Lab Sample ID: 705-38624-3
Date Collected: 07/31/25 14:45
Matrix: Water
Date Received: 08/01/25 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.169	U	0.186	0.187	1.00	0.298	pCi/L	08/07/25 07:42	09/04/25 17:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.8*		*30 - 110*	*08/07/25 07:42*	*09/04/25 17:12*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.147	U	0.301	0.301	1.00	0.523	pCi/L	08/07/25 07:48	09/04/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.8*		*30 - 110*	*08/07/25 07:48*	*09/04/25 11:45*	*1*
Y Carrier	*80.7*		*30 - 110*	*08/07/25 07:48*	*09/04/25 11:45*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.316	U	0.354	0.354	5.00	0.523	pCi/L		09/05/25 12:27	1

Client Sample ID: SCH-AP1-FB-2
Lab Sample ID: 705-38624-4
Date Collected: 07/31/25 16:00
Matrix: Water
Date Received: 08/01/25 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0387	U	0.178	0.178	1.00	0.344	pCi/L	08/07/25 07:42	09/04/25 17:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/07/25 07:42*	*09/04/25 17:12*	*1*

Client Sample ID: SCH-AP1-FB-2

Lab Sample ID: 705-38624-4

Date Collected: 07/31/25 16:00

Matrix: Water

Date Received: 08/01/25 15:30

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.167	U	0.219	0.219	1.00	0.486	pCi/L	08/07/25 07:48	09/04/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/07/25 07:48*	*09/04/25 11:45*	*1*
Y Carrier	*78.5*		*30 - 110*	*08/07/25 07:48*	*09/04/25 11:45*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.128	U	0.282	0.282	5.00	0.486	pCi/L		09/05/25 12:27	1

Client Sample ID: SCH-SGWC-12

Lab Sample ID: 705-38624-5

Date Collected: 07/31/25 09:32

Matrix: Water

Date Received: 08/01/25 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00244	U	0.229	0.229	1.00	0.450	pCi/L	08/07/25 07:42	09/04/25 17:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*08/07/25 07:42*	*09/04/25 17:12*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.537	U	0.425	0.428	1.00	0.659	pCi/L	08/07/25 07:48	09/04/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*08/07/25 07:48*	*09/04/25 11:45*	*1*
Y Carrier	*75.5*		*30 - 110*	*08/07/25 07:48*	*09/04/25 11:45*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.534	U	0.483	0.485	5.00	0.659	pCi/L		09/05/25 12:27	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38624-2

Client Sample ID: SCH-SGWC-14
Date Collected: 07/31/25 10:58
Date Received: 08/01/25 15:30

Lab Sample ID: 705-38624-6
Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0216	U	0.176	0.176	1.00	0.363	pCi/L	08/07/25 07:42	09/04/25 17:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.5*		*30 - 110*	*08/07/25 07:42*	*09/04/25 17:13*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.387	U	0.392	0.394	1.00	0.635	pCi/L	08/07/25 07:48	09/04/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.5*		*30 - 110*	*08/07/25 07:48*	*09/04/25 11:45*	*1*
Y Carrier	*78.1*		*30 - 110*	*08/07/25 07:48*	*09/04/25 11:45*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.365	U	0.430	0.432	5.00	0.635	pCi/L		09/05/25 12:27	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38624-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
705-38624-1	SCH-SGWA-5	95.5
705-38624-1 DU	SCH-SGWA-5	92.3
705-38624-2	SCH-AP1-FB-1	92.8
705-38624-3	SCH-SGWC-11	95.8
705-38624-4	SCH-AP1-FB-2	88.3
705-38624-5	SCH-SGWC-12	84.1
705-38624-6	SCH-SGWC-14	95.5
LCS 160-730970/2-A	Lab Control Sample	92.8
MB 160-730970/1-A	Method Blank	91.3

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
705-38624-1	SCH-SGWA-5	95.5	75.9
705-38624-1 DU	SCH-SGWA-5	92.3	83.7
705-38624-2	SCH-AP1-FB-1	92.8	84.9
705-38624-3	SCH-SGWC-11	95.8	80.7
705-38624-4	SCH-AP1-FB-2	88.3	78.5
705-38624-5	SCH-SGWC-12	84.1	75.5
705-38624-6	SCH-SGWC-14	95.5	78.1
LCS 160-730971/2-A	Lab Control Sample	92.8	80.4
MB 160-730971/1-A	Method Blank	91.3	80.7

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38624-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38624-2

Client Sample ID: SCH-SGWA-5

Lab Sample ID: 705-38624-1

Date Collected: 07/31/25 10:30
Date Received: 08/01/25 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730970	JTR	EET SL	08/07/25 07:42
Total/NA	Analysis	9315		1	734802	SWS	EET SL	09/04/25 17:05
Total/NA	Prep	PrecSep_0			730971	JTR	EET SL	08/07/25 07:48
Total/NA	Analysis	9320		1	734808	SWS	EET SL	09/04/25 11:44
Total/NA	Analysis	Ra226_Ra228		1	734920	EMH	EET SL	09/05/25 12:27

Client Sample ID: SCH-AP1-FB-1

Lab Sample ID: 705-38624-2

Date Collected: 07/31/25 11:13
Date Received: 08/01/25 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730970	JTR	EET SL	08/07/25 07:42
Total/NA	Analysis	9315		1	734807	SWS	EET SL	09/04/25 17:12
Total/NA	Prep	PrecSep_0			730971	JTR	EET SL	08/07/25 07:48
Total/NA	Analysis	9320		1	734802	SWS	EET SL	09/04/25 11:45
Total/NA	Analysis	Ra226_Ra228		1	734920	EMH	EET SL	09/05/25 12:27

Client Sample ID: SCH-SGWC-11

Lab Sample ID: 705-38624-3

Date Collected: 07/31/25 14:45
Date Received: 08/01/25 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730970	JTR	EET SL	08/07/25 07:42
Total/NA	Analysis	9315		1	734807	SWS	EET SL	09/04/25 17:12
Total/NA	Prep	PrecSep_0			730971	JTR	EET SL	08/07/25 07:48
Total/NA	Analysis	9320		1	734802	SWS	EET SL	09/04/25 11:45
Total/NA	Analysis	Ra226_Ra228		1	734920	EMH	EET SL	09/05/25 12:27

Client Sample ID: SCH-AP1-FB-2

Lab Sample ID: 705-38624-4

Date Collected: 07/31/25 16:00
Date Received: 08/01/25 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730970	JTR	EET SL	08/07/25 07:42
Total/NA	Analysis	9315		1	734807	SWS	EET SL	09/04/25 17:12
Total/NA	Prep	PrecSep_0			730971	JTR	EET SL	08/07/25 07:48
Total/NA	Analysis	9320		1	734802	SWS	EET SL	09/04/25 11:45
Total/NA	Analysis	Ra226_Ra228		1	734920	EMH	EET SL	09/05/25 12:27

Lab Chronicle

Client: Southern Company
Job ID: 705-38624-2
Project/Site: CCR - Plant Scherer Ash Pond

Client Sample ID: SCH-SGWC-12
Lab Sample ID: 705-38624-5

Date Collected: 07/31/25 09:32
Matrix: Water
Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730970	JTR	EET SL	08/07/25 07:42
Total/NA	Analysis	9315		1	734807	SWS	EET SL	09/04/25 17:12
Total/NA	Prep	PrecSep_0			730971	JTR	EET SL	08/07/25 07:48
Total/NA	Analysis	9320		1	734802	SWS	EET SL	09/04/25 11:45
Total/NA	Analysis	Ra226_Ra228		1	734920	EMH	EET SL	09/05/25 12:27

Client Sample ID: SCH-SGWC-14
Lab Sample ID: 705-38624-6

Date Collected: 07/31/25 10:58
Matrix: Water
Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730970	JTR	EET SL	08/07/25 07:42
Total/NA	Analysis	9315		1	734807	SWS	EET SL	09/04/25 17:13
Total/NA	Prep	PrecSep_0			730971	JTR	EET SL	08/07/25 07:48
Total/NA	Analysis	9320		1	734802	SWS	EET SL	09/04/25 11:45
Total/NA	Analysis	Ra226_Ra228		1	734920	EMH	EET SL	09/05/25 12:27

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-730970/1-A
Matrix: Water
Analysis Batch: 734802

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730970

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1300	U	0.211	0.211	1.00	0.364	pCi/L	08/07/25 07:42	09/04/25 17:03	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.3*		*30 - 110*	*08/07/25 07:42*	*09/04/25 17:03*	*1*

Lab Sample ID: LCS 160-730970/2-A
Matrix: Water
Analysis Batch: 734802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730970

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.796		1.28	1.00	0.296	pCi/L	102	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*92.8*		*30 - 110*

Lab Sample ID: 705-38624-1 DU
Matrix: Water
Analysis Batch: 734802

Client Sample ID: SCH-SGWA-5
Prep Type: Total/NA
Prep Batch: 730970

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	-0.0386	U		0.1339	U	0.169	1.00	0.279	pCi/L			0.54	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*92.3*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-730971/1-A
Matrix: Water
Analysis Batch: 734808

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730971

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2781	U	0.358	0.359	1.00	0.596	pCi/L	08/07/25 07:48	09/04/25 11:43	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.3*		*30 - 110*	*08/07/25 07:48*	*09/04/25 11:43*	*1*
Y Carrier	*80.7*		*30 - 110*	*08/07/25 07:48*	*09/04/25 11:43*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-730971/2-A
Matrix: Water
Analysis Batch: 734808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730971

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.10	10.69		1.40	1.00	0.509	pCi/L	117	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*92.8*		*30 - 110*
Y Carrier	*80.4*		*30 - 110*

Lab Sample ID: 705-38624-1 DU
Matrix: Water
Analysis Batch: 734808

Client Sample ID: SCH-SGWA-5
Prep Type: Total/NA
Prep Batch: 730971

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.361	U		0.7485		0.404	1.00	0.569	pCi/L			0.54	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*92.3*		*30 - 110*
Y Carrier	*83.7*		*30 - 110*

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38624-2
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

APPENDIX B

Analytical Results September 2025

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 9/23/2025 12:02:20 PM

JOB DESCRIPTION

CCR - Plant Scherer AP-1, PZ-70, PZ-71

JOB NUMBER

705-42501-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

myEOL

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Job ID: 705-42501-1
Project/Site: CCR - Plant Scherer AP-1, PZ-70, PZ-71

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-42501-1	SCH-PZ-70	Water	09/09/25 12:55	09/09/25 17:45	Georgia
705-42501-2	SCH-PZ-71	Water	09/09/25 11:43	09/09/25 17:45	Georgia
705-42501-3	SCH-AP1-FD-1	Water	09/09/25 00:00	09/09/25 17:45	Georgia
705-42501-4	SCH-AP1-EB-1	Water	09/09/25 11:45	09/09/25 17:45	Georgia
705-42501-5	SCH-AP1-FB-1	Water	09/09/25 11:23	09/09/25 17:45	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: Lisa Duong	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone:	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer AP-1 PZ-70, PZ-71	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-42501 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2R1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Cobalt, Total	6020B - Cobalt, Dissolved, Field Filtered	Total Number of containers
			Preservation Code:		X	X	D	D	X
SCH-PZ-70	9/9/25	12:55	G	WG	X		X	X	
SCH-PZ-71	9/9/25	11:43	G	WG	X		X	X	
SCH-AP1-FD-1	9/9/25	–	G	WG	X		X	X	
SCH-AP1-EB-1	9/9/25	11:45	G	WQ	X		X	X	
SCH-AP1-FB-1	9/9/25	11:23	G	WQ	X		X	X	

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For _____ Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
L. Duong	9/9/25 1747			9/9/25 1747	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		1.3 #26868

Ver: 01/16/2019

9/23/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-42501-1

Login Number: 42501
List Number: 1
Creator: Taylor, Renee

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Definitions/Glossary

Client: Southern Company
Job ID: 705-42501-1
Project/Site: CCR - Plant Scherer AP-1, PZ-70, PZ-71

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-42501-1 — Eurofins Atlanta

Job Narrative
705-42501-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 9/9/2025 5:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.3°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Job ID: 705-42501-1
Project/Site: CCR - Plant Scherer AP-1, PZ-70, PZ-71

Client Sample ID: SCH-PZ-70 — Lab Sample ID: 705-42501-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.0028	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt, Dissolved	0.0027	J	0.0050	0.00041	mg/L	1		6020B	Dissolved

Client Sample ID: SCH-PZ-71 — Lab Sample ID: 705-42501-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.17		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt, Dissolved	0.16		0.0050	0.00041	mg/L	1		6020B	Dissolved

Client Sample ID: SCH-AP1-FD-1 — Lab Sample ID: 705-42501-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.16		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt, Dissolved	0.15		0.0050	0.00041	mg/L	1		6020B	Dissolved

Client Sample ID: SCH-AP1-EB-1 — Lab Sample ID: 705-42501-4

No Detections.

Client Sample ID: SCH-AP1-FB-1 — Lab Sample ID: 705-42501-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-PZ-70
Lab Sample ID: 705-42501-1
Date Collected: 09/09/25 12:55
Matrix: Water
Date Received: 09/09/25 17:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.0028	J	0.0050	0.00041	mg/L		09/16/25 10:20	09/17/25 22:01	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt, Dissolved	0.0027	J	0.0050	0.00041	mg/L			09/19/25 00:43	1

Client Sample ID: SCH-PZ-71
Lab Sample ID: 705-42501-2
Date Collected: 09/09/25 11:43
Matrix: Water
Date Received: 09/09/25 17:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.17		0.0050	0.00041	mg/L		09/16/25 10:20	09/17/25 22:03	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt, Dissolved	0.16		0.0050	0.00041	mg/L			09/19/25 01:10	1

Client Sample ID: SCH-AP1-FD-1
Lab Sample ID: 705-42501-3
Date Collected: 09/09/25 00:00
Matrix: Water
Date Received: 09/09/25 17:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.16		0.0050	0.00041	mg/L		09/16/25 10:20	09/17/25 22:06	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt, Dissolved	0.15		0.0050	0.00041	mg/L			09/19/25 01:12	1

Client Sample ID: SCH-AP1-EB-1
Lab Sample ID: 705-42501-4
Date Collected: 09/09/25 11:45
Matrix: Water
Date Received: 09/09/25 17:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00041		0.0050	0.00041	mg/L		09/16/25 10:20	09/18/25 09:47	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt, Dissolved	<0.00041		0.0050	0.00041	mg/L			09/19/25 01:15	1

Client Sample ID: SCH-AP1-FB-1
Lab Sample ID: 705-42501-5
Date Collected: 09/09/25 11:23
Matrix: Water
Date Received: 09/09/25 17:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00041		0.0050	0.00041	mg/L		09/16/25 10:20	09/18/25 09:49	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt, Dissolved	<0.00041		0.0050	0.00041	mg/L			09/19/25 01:17	1

Method Summary

Client: Southern Company
Job ID: 705-42501-1
Project/Site: CCR - Plant Scherer AP-1, PZ-70, PZ-71

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Job ID: 705-42501-1
Project/Site: CCR - Plant Scherer AP-1, PZ-70, PZ-71

Client Sample ID: SCH-PZ-70
Lab Sample ID: 705-42501-1
Date Collected: 09/09/25 12:55
Matrix: Water
Date Received: 09/09/25 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	6020B		1	83440	TA	EET ATL	09/19/25 00:43
Total Recoverable	Prep	3005A			81939	BR	EET ATL	09/16/25 10:20
Total Recoverable	Analysis	6020B		1	82506	IF	EET ATL	09/17/25 22:01

Client Sample ID: SCH-PZ-71
Lab Sample ID: 705-42501-2
Date Collected: 09/09/25 11:43
Matrix: Water
Date Received: 09/09/25 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	6020B		1	83440	TA	EET ATL	09/19/25 01:10
Total Recoverable	Prep	3005A			81939	BR	EET ATL	09/16/25 10:20
Total Recoverable	Analysis	6020B		1	82506	IF	EET ATL	09/17/25 22:03

Client Sample ID: SCH-AP1-FD-1
Lab Sample ID: 705-42501-3
Date Collected: 09/09/25 00:00
Matrix: Water
Date Received: 09/09/25 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	6020B		1	83440	TA	EET ATL	09/19/25 01:12
Total Recoverable	Prep	3005A			81939	BR	EET ATL	09/16/25 10:20
Total Recoverable	Analysis	6020B		1	82506	IF	EET ATL	09/17/25 22:06

Client Sample ID: SCH-AP1-EB-1
Lab Sample ID: 705-42501-4
Date Collected: 09/09/25 11:45
Matrix: Water
Date Received: 09/09/25 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	6020B		1	83440	TA	EET ATL	09/19/25 01:15
Total Recoverable	Prep	3005A			81939	BR	EET ATL	09/16/25 10:20
Total Recoverable	Analysis	6020B		1	82506	IF	EET ATL	09/18/25 09:47

Client Sample ID: SCH-AP1-FB-1
Lab Sample ID: 705-42501-5
Date Collected: 09/09/25 11:23
Matrix: Water
Date Received: 09/09/25 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	6020B		1	83440	TA	EET ATL	09/19/25 01:17
Total Recoverable	Prep	3005A			81939	BR	EET ATL	09/16/25 10:20
Total Recoverable	Analysis	6020B		1	82506	IF	EET ATL	09/18/25 09:49

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-81939/1-A
Matrix: Water
Analysis Batch: 82506

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 81939

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00041		0.0050	0.00041	mg/L		09/16/25 10:20	09/17/25 18:23	1

Lab Sample ID: LCS 705-81939/2-A
Matrix: Water
Analysis Batch: 82506

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 81939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	0.100	0.0984		mg/L		98	80 - 120

Lab Sample ID: 705-42588-A-2-B MS
Matrix: Water
Analysis Batch: 82506

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 81939

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	<0.00041		0.100	0.0952		mg/L		95	75 - 125

Lab Sample ID: 705-42588-A-2-C MSD
Matrix: Water
Analysis Batch: 82506

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 81939

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt	<0.00041		0.100	0.0971		mg/L		97	75 - 125	2	20

Lab Sample ID: MB 705-82083/1-A
Matrix: Water
Analysis Batch: 83440

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt, Dissolved	<0.00041		0.0050	0.00041	mg/L			09/19/25 00:38	1

Lab Sample ID: LCS 705-82083/2-A
Matrix: Water
Analysis Batch: 83440

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt, Dissolved	0.100	0.0932		mg/L		93	80 - 120

Lab Sample ID: 705-42501-1 MS
Matrix: Water
Analysis Batch: 83440

Client Sample ID: SCH-PZ-70
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt, Dissolved	0.0027	J	0.100	0.0904		mg/L		88	75 - 125

Lab Sample ID: 705-42501-1 MSD
Matrix: Water
Analysis Batch: 83440

Client Sample ID: SCH-PZ-70
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt, Dissolved	0.0027	J	0.100	0.0929		mg/L		90	75 - 125	3	20

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-42501-1
Project/Site: CCR - Plant Scherer AP-1, PZ-70, PZ-71

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

APPENDIX B

Analytical Results
October 2025

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 10/14/2025 3:21:51 PM

JOB DESCRIPTION

Plant Scherer Additional PZs

JOB NUMBER

705-45584-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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10/14/2025 3:21:51 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Job ID: 705-45584-1
Project/Site: Plant Scherer Additional PZs

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-45584-1	SCH-PZ-29S	Water	10/08/25 17:25	10/09/25 10:15	Georgia
705-45584-2	SCH-PZ-30I	Water	10/08/25 11:45	10/09/25 10:15	Georgia
705-45584-3	SCH-AP1-FD-01	Water	10/08/25 00:00	10/09/25 10:15	Georgia
705-45584-4	SCH-AP1-EB-01	Water	10/08/25 16:00	10/09/25 10:15	Georgia
705-45584-5	SCH-AP1-FB-01	Water	10/08/25 17:30	10/09/25 10:15	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Thomas Keller	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 705-17447-8440.1
Client Contact: Joju Abraham	Phone: 678-525-1852	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): Rush 2-DAY			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	PO #: GPC82130-0003 / PO Line #1			
Email: JAbraham@southernco.com	WO #:			
Project Name: Plant Scherer Additional PZs	Project #: 70504534			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-45584 COC

Other:

TAT Code SCH-CCR-OTH-20251008

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) 21 day decay	Ra226Ra228_GFPC - Combined Radium-226 and Radium-228	300_ORGFM_28D - Chloride, Fluoride and Sulfate -	6010D, 6020B, 7470A	2540C_Calcd - Total Dissolved Solids (TDS) -	Total Number of containers
			Preservation Code:				D	D	N	N	D	N	
SCH-PZ-29S	10-3-25	17:25	G	Water	N		1	1	1	1	1	1	5
SCH-PZ-30I	10-3-25	11:45	G	Water	N		1	1	1	1	1	1	5
SCH-AP1-FD-01	10-3-25	—	G	Water	N		1	1	1	1	1	1	5
SCH-AP1-EB-01	10-3-25	16:00	G	Water	N		1	1	1	1	1	1	4
SCH-AP1-FB-01	10-3-25	17:30	G	Water	N		1	1	1	1	1	1	5
				Water									

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: 10-9-25	Time: 7:30	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10-9-25 10:15	WP		10/09/25 1015	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/9/25 1015	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.3° 2.1°C #2665

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-45584-1

Login Number: 45584
List Number: 1
Creator: Lincoln, Alyssa

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-45584-1
Project/Site: Plant Scherer Additional PZs

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-45584-1 — Eurofins Atlanta

Job Narrative
705-45584-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/9/2025 10:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.3°C and 2.1°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 705-87616 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer Additional PZs

Job ID: 705-45584-1

Client Sample ID: SCH-PZ-29S — Lab Sample ID: 705-45584-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.19	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	74	F1	2.0	1.5	mg/L	2		300.0	Total/NA
Boron	0.058	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	28		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.034		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	200		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-PZ-30I — Lab Sample ID: 705-45584-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	33		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.043	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	21		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.071		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0092		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Cobalt	0.00074	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-AP1-FD-01 — Lab Sample ID: 705-45584-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.1		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.21		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	33		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.043	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	21		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.069		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0085		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Cobalt	0.00074	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-AP1-EB-01 — Lab Sample ID: 705-45584-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.15	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.88	J	1.0	0.77	mg/L	1		300.0	Total/NA
Thallium	0.00056	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable

Client Sample ID: SCH-AP1-FB-01 — Lab Sample ID: 705-45584-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.30		0.20	0.081	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-PZ-29S

Lab Sample ID: 705-45584-1

Date Collected: 10/08/25 17:25

Matrix: Water

Date Received: 10/09/25 10:15

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.7		1.0	0.98	mg/L			10/10/25 15:41	1
Fluoride	0.19	J	0.20	0.081	mg/L			10/10/25 15:41	1
Sulfate	74	F1	2.0	1.5	mg/L			10/10/25 20:14	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.058	J	0.080	0.026	mg/L		10/10/25 10:14	10/10/25 16:04	1
Calcium	28		0.10	0.038	mg/L		10/10/25 10:14	10/10/25 16:04	1
Lithium	<0.0037		0.020	0.0037	mg/L		10/10/25 10:14	10/13/25 14:15	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		10/10/25 08:25	10/10/25 21:15	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		10/10/25 08:25	10/10/25 21:15	1
Barium	0.034		0.010	0.00041	mg/L		10/10/25 08:25	10/10/25 21:15	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		10/10/25 08:25	10/10/25 21:15	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		10/10/25 08:25	10/10/25 21:15	1
Chromium	<0.0037		0.0050	0.0037	mg/L		10/10/25 08:25	10/10/25 21:15	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		10/10/25 08:25	10/10/25 21:15	1
Lead	<0.00086		0.0010	0.00086	mg/L		10/10/25 08:25	10/10/25 21:15	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		10/10/25 08:25	10/10/25 21:15	1
Selenium	<0.0023		0.0050	0.0023	mg/L		10/10/25 08:25	10/10/25 21:15	1
Thallium	<0.00019		0.0010	0.00019	mg/L		10/10/25 08:25	10/10/25 21:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		10/10/25 08:25	10/10/25 14:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	200		10	10	mg/L			10/10/25 14:30	1

Client Sample ID: SCH-PZ-30I

Lab Sample ID: 705-45584-2

Date Collected: 10/08/25 11:45

Matrix: Water

Date Received: 10/09/25 10:15

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.5		1.0	0.98	mg/L			10/10/25 18:09	1
Fluoride	0.14	J	0.20	0.081	mg/L			10/10/25 18:09	1
Sulfate	33		1.0	0.77	mg/L			10/10/25 18:09	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.043	J	0.080	0.026	mg/L		10/10/25 10:14	10/10/25 16:15	1
Calcium	21		0.10	0.038	mg/L		10/10/25 10:14	10/10/25 16:15	1
Lithium	<0.0037		0.020	0.0037	mg/L		10/10/25 10:14	10/13/25 14:17	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		10/10/25 08:25	10/10/25 21:28	1

Client Sample ID: SCH-PZ-30I

Lab Sample ID: 705-45584-2

Date Collected: 10/08/25 11:45

Matrix: Water

Date Received: 10/09/25 10:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0013		0.0050	0.0013	mg/L		10/10/25 08:25	10/10/25 21:28	1
Barium	**0.071**		0.010	0.00041	mg/L		10/10/25 08:25	10/10/25 21:28	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		10/10/25 08:25	10/10/25 21:28	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		10/10/25 08:25	10/10/25 21:28	1
Chromium	**0.0092**		0.0050	0.0037	mg/L		10/10/25 08:25	10/10/25 21:28	1
Cobalt	**0.00074**	**J**	0.0050	0.00041	mg/L		10/10/25 08:25	10/10/25 21:28	1
Lead	<0.00086		0.0010	0.00086	mg/L		10/10/25 08:25	10/10/25 21:28	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		10/10/25 08:25	10/10/25 21:28	1
Selenium	<0.0023		0.0050	0.0023	mg/L		10/10/25 08:25	10/10/25 21:28	1
Thallium	<0.00019		0.0010	0.00019	mg/L		10/10/25 08:25	10/10/25 21:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		10/10/25 08:25	10/10/25 15:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**160**		10	10	mg/L			10/10/25 14:30	1

Client Sample ID: SCH-AP1-FD-01

Lab Sample ID: 705-45584-3

Date Collected: 10/08/25 00:00

Matrix: Water

Date Received: 10/09/25 10:15

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.1**		1.0	0.98	mg/L			10/10/25 18:20	1
Fluoride	**0.21**		0.20	0.081	mg/L			10/10/25 18:20	1
Sulfate	**33**		1.0	0.77	mg/L			10/10/25 18:20	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.043**	**J**	0.080	0.026	mg/L		10/10/25 10:14	10/10/25 16:12	1
Calcium	**21**		0.10	0.038	mg/L		10/10/25 10:14	10/10/25 16:12	1
Lithium	<0.0037		0.020	0.0037	mg/L		10/10/25 10:14	10/13/25 14:19	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		10/10/25 08:25	10/10/25 21:31	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		10/10/25 08:25	10/10/25 21:31	1
Barium	**0.069**		0.010	0.00041	mg/L		10/10/25 08:25	10/10/25 21:31	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		10/10/25 08:25	10/10/25 21:31	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		10/10/25 08:25	10/10/25 21:31	1
Chromium	**0.0085**		0.0050	0.0037	mg/L		10/10/25 08:25	10/10/25 21:31	1
Cobalt	**0.00074**	**J**	0.0050	0.00041	mg/L		10/10/25 08:25	10/10/25 21:31	1
Lead	<0.00086		0.0010	0.00086	mg/L		10/10/25 08:25	10/10/25 21:31	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		10/10/25 08:25	10/10/25 21:31	1
Selenium	<0.0023		0.0050	0.0023	mg/L		10/10/25 08:25	10/10/25 21:31	1
Thallium	<0.00019		0.0010	0.00019	mg/L		10/10/25 08:25	10/10/25 21:31	1

Client: Southern Company
Project/Site: Plant Scherer Additional PZs

Job ID: 705-45584-1

Client Sample ID: SCH-AP1-FD-01

Lab Sample ID: 705-45584-3

Date Collected: 10/08/25 00:00

Matrix: Water

Date Received: 10/09/25 10:15

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		10/10/25 08:25	10/10/25 15:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	160		10	10	mg/L			10/10/25 14:30	1

Client Sample ID: SCH-AP1-EB-01

Lab Sample ID: 705-45584-4

Date Collected: 10/08/25 16:00

Matrix: Water

Date Received: 10/09/25 10:15

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			10/10/25 18:32	1
Fluoride	0.15	J	0.20	0.081	mg/L			10/10/25 18:32	1
Sulfate	0.88	J	1.0	0.77	mg/L			10/10/25 18:32	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		10/10/25 10:14	10/10/25 16:09	1
Calcium	<0.038		0.10	0.038	mg/L		10/10/25 10:14	10/10/25 16:09	1
Lithium	<0.0037		0.020	0.0037	mg/L		10/10/25 10:14	10/13/25 14:21	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		10/10/25 08:25	10/10/25 21:58	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		10/10/25 08:25	10/10/25 21:58	1
Barium	<0.00041		0.010	0.00041	mg/L		10/10/25 08:25	10/10/25 21:58	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		10/10/25 08:25	10/10/25 21:58	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		10/10/25 08:25	10/10/25 21:58	1
Chromium	<0.0037		0.0050	0.0037	mg/L		10/10/25 08:25	10/10/25 21:58	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		10/10/25 08:25	10/10/25 21:58	1
Lead	<0.00086		0.0010	0.00086	mg/L		10/10/25 08:25	10/10/25 21:58	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		10/10/25 08:25	10/10/25 21:58	1
Selenium	<0.0023		0.0050	0.0023	mg/L		10/10/25 08:25	10/10/25 21:58	1
Thallium	0.00056	J	0.0010	0.00019	mg/L		10/10/25 08:25	10/10/25 21:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		10/10/25 08:25	10/10/25 15:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			10/10/25 14:30	1

Client: Southern Company
Project/Site: Plant Scherer Additional PZs

Job ID: 705-45584-1

Client Sample ID: SCH-AP1-FB-01

Date Collected: 10/08/25 17:30
Date Received: 10/09/25 10:15

Lab Sample ID: 705-45584-5

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			10/10/25 18:43	1
Fluoride	**0.30**		0.20	0.081	mg/L			10/10/25 18:43	1
Sulfate	<0.77		1.0	0.77	mg/L			10/10/25 18:43	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		10/10/25 10:14	10/10/25 16:06	1
Calcium	<0.038		0.10	0.038	mg/L		10/10/25 10:14	10/10/25 16:06	1
Lithium	<0.0037		0.020	0.0037	mg/L		10/10/25 10:14	10/13/25 14:26	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		10/10/25 08:25	10/10/25 22:00	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		10/10/25 08:25	10/10/25 22:00	1
Barium	<0.00041		0.010	0.00041	mg/L		10/10/25 08:25	10/10/25 22:00	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		10/10/25 08:25	10/10/25 22:00	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		10/10/25 08:25	10/10/25 22:00	1
Chromium	<0.0037		0.0050	0.0037	mg/L		10/10/25 08:25	10/10/25 22:00	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		10/10/25 08:25	10/10/25 22:00	1
Lead	<0.00086		0.0010	0.00086	mg/L		10/10/25 08:25	10/10/25 22:00	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		10/10/25 08:25	10/10/25 22:00	1
Selenium	<0.0023		0.0050	0.0023	mg/L		10/10/25 08:25	10/10/25 22:00	1
Thallium	<0.00019		0.0010	0.00019	mg/L		10/10/25 08:25	10/10/25 22:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		10/10/25 08:25	10/10/25 15:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			10/10/25 14:30	1

Method Summary

Client: Southern Company
Project/Site: Plant Scherer Additional PZs

Job ID: 705-45584-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Job ID: 705-45584-1
Project/Site: Plant Scherer Additional PZs

Client Sample ID: SCH-PZ-29S
Lab Sample ID: 705-45584-1
Date Collected: 10/08/25 17:25
Matrix: Water
Date Received: 10/09/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	87616	MS	EET ATL	10/10/25 15:41
Total/NA	Analysis	300.0		2	87616	MS	EET ATL	10/10/25 20:14
Total/NA	Prep	3010A			87527	SA	EET ATL	10/10/25 10:14
Total/NA	Analysis	6010D		1	87764	MT	EET ATL	10/10/25 16:04
Total/NA	Prep	3010A			87527	SA	EET ATL	10/10/25 10:14
Total/NA	Analysis	6010D		1	88064	DS	EET ATL	10/13/25 14:15
Total Recoverable	Prep	3005A			87483	EF	EET ATL	10/10/25 08:25
Total Recoverable	Analysis	6020B		1	87940	IF	EET ATL	10/10/25 21:15
Total/NA	Prep	7470A			87429	GR	EET ATL	10/10/25 08:25
Total/NA	Analysis	7470A		1	87708	GR	EET ATL	10/10/25 14:02
Total/NA	Analysis	2540C - 2015		1	87693	NN	EET ATL	10/10/25 14:30

Client Sample ID: SCH-PZ-30I
Lab Sample ID: 705-45584-2
Date Collected: 10/08/25 11:45
Matrix: Water
Date Received: 10/09/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	87616	MS	EET ATL	10/10/25 18:09
Total/NA	Prep	3010A			87527	SA	EET ATL	10/10/25 10:14
Total/NA	Analysis	6010D		1	87764	MT	EET ATL	10/10/25 16:15
Total/NA	Prep	3010A			87527	SA	EET ATL	10/10/25 10:14
Total/NA	Analysis	6010D		1	88064	DS	EET ATL	10/13/25 14:17
Total Recoverable	Prep	3005A			87483	EF	EET ATL	10/10/25 08:25
Total Recoverable	Analysis	6020B		1	87940	IF	EET ATL	10/10/25 21:28
Total/NA	Prep	7470A			87429	GR	EET ATL	10/10/25 08:25
Total/NA	Analysis	7470A		1	87708	GR	EET ATL	10/10/25 15:36
Total/NA	Analysis	2540C - 2015		1	87693	NN	EET ATL	10/10/25 14:30

Client Sample ID: SCH-AP1-FD-01
Lab Sample ID: 705-45584-3
Date Collected: 10/08/25 00:00
Matrix: Water
Date Received: 10/09/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	87616	MS	EET ATL	10/10/25 18:20
Total/NA	Prep	3010A			87527	SA	EET ATL	10/10/25 10:14
Total/NA	Analysis	6010D		1	87764	MT	EET ATL	10/10/25 16:12
Total/NA	Prep	3010A			87527	SA	EET ATL	10/10/25 10:14
Total/NA	Analysis	6010D		1	88064	DS	EET ATL	10/13/25 14:19
Total Recoverable	Prep	3005A			87483	EF	EET ATL	10/10/25 08:25
Total Recoverable	Analysis	6020B		1	87940	IF	EET ATL	10/10/25 21:31
Total/NA	Prep	7470A			87429	GR	EET ATL	10/10/25 08:25
Total/NA	Analysis	7470A		1	87708	GR	EET ATL	10/10/25 15:40
Total/NA	Analysis	2540C - 2015		1	87693	NN	EET ATL	10/10/25 14:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Additional PZs

Job ID: 705-45584-1

Client Sample ID: SCH-AP1-EB-01

Lab Sample ID: 705-45584-4

Date Collected: 10/08/25 16:00

Matrix: Water

Date Received: 10/09/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	87616	MS	EET ATL	10/10/25 18:32
Total/NA	Prep	3010A			87527	SA	EET ATL	10/10/25 10:14
Total/NA	Analysis	6010D		1	87764	MT	EET ATL	10/10/25 16:09
Total/NA	Prep	3010A			87527	SA	EET ATL	10/10/25 10:14
Total/NA	Analysis	6010D		1	88064	DS	EET ATL	10/13/25 14:21
Total Recoverable	Prep	3005A			87483	EF	EET ATL	10/10/25 08:25
Total Recoverable	Analysis	6020B		1	87940	IF	EET ATL	10/10/25 21:58
Total/NA	Prep	7470A			87429	GR	EET ATL	10/10/25 08:25
Total/NA	Analysis	7470A		1	87708	GR	EET ATL	10/10/25 15:44
Total/NA	Analysis	2540C - 2015		1	87693	NN	EET ATL	10/10/25 14:30

Client Sample ID: SCH-AP1-FB-01

Lab Sample ID: 705-45584-5

Date Collected: 10/08/25 17:30

Matrix: Water

Date Received: 10/09/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	87616	MS	EET ATL	10/10/25 18:43
Total/NA	Prep	3010A			87527	SA	EET ATL	10/10/25 10:14
Total/NA	Analysis	6010D		1	87764	MT	EET ATL	10/10/25 16:06
Total/NA	Prep	3010A			87527	SA	EET ATL	10/10/25 10:14
Total/NA	Analysis	6010D		1	88064	DS	EET ATL	10/13/25 14:26
Total Recoverable	Prep	3005A			87483	EF	EET ATL	10/10/25 08:25
Total Recoverable	Analysis	6020B		1	87940	IF	EET ATL	10/10/25 22:00
Total/NA	Prep	7470A			87429	GR	EET ATL	10/10/25 08:25
Total/NA	Analysis	7470A		1	87708	GR	EET ATL	10/10/25 15:48
Total/NA	Analysis	2540C - 2015		1	87693	NN	EET ATL	10/10/25 14:30

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-87616/3
Matrix: Water
Analysis Batch: 87616

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			10/10/25 15:19	1
Fluoride	<0.081		0.20	0.081	mg/L			10/10/25 15:19	1
Sulfate	<0.77		1.0	0.77	mg/L			10/10/25 15:19	1

Lab Sample ID: LCS 705-87616/4
Matrix: Water
Analysis Batch: 87616

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.88		mg/L		99	90 - 110
Fluoride	5.00	5.03		mg/L		101	90 - 110
Sulfate	25.0	26.4		mg/L		105	90 - 110

Lab Sample ID: 705-45584-1 MS
Matrix: Water
Analysis Batch: 87616

Client Sample ID: SCH-PZ-29S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.7		10.0	17.8		mg/L		101	90 - 110
Fluoride	0.19	J	5.00	4.82		mg/L		93	90 - 110

Lab Sample ID: 705-45584-1 MS
Matrix: Water
Analysis Batch: 87616

Client Sample ID: SCH-PZ-29S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	74	F1	50.0	87.3	F1	mg/L		26	90 - 110

Lab Sample ID: 705-45584-1 MSD
Matrix: Water
Analysis Batch: 87616

Client Sample ID: SCH-PZ-29S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.7		10.0	17.7		mg/L		100	90 - 110	1	20
Fluoride	0.19	J	5.00	4.81		mg/L		92	90 - 110	0	20

Lab Sample ID: 705-45584-1 MSD
Matrix: Water
Analysis Batch: 87616

Client Sample ID: SCH-PZ-29S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	74	F1	50.0	86.8	F1	mg/L		25	90 - 110	1	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-87527/1-A
Matrix: Water
Analysis Batch: 87711

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87527

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		10/10/25 10:14	10/10/25 13:52	1
Calcium	<0.038		0.10	0.038	mg/L		10/10/25 10:14	10/10/25 13:52	1

Lab Sample ID: MB 705-87527/1-A
Matrix: Water
Analysis Batch: 88064

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87527

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		10/10/25 10:14	10/13/25 14:06	1

Lab Sample ID: LCS 705-87527/2-A
Matrix: Water
Analysis Batch: 87711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87527

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.02		mg/L		102	80 - 120
Calcium	10.0	10.4		mg/L		104	80 - 120

Lab Sample ID: LCS 705-87527/2-A
Matrix: Water
Analysis Batch: 88064

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87527

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.14		mg/L		114	80 - 120

Lab Sample ID: 705-45395-E-2-B MS
Matrix: Water
Analysis Batch: 87711

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 87527

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.03		mg/L		103	75 - 125
Calcium	5.6		10.0	15.9		mg/L		103	75 - 125

Lab Sample ID: 705-45395-E-2-B MS
Matrix: Water
Analysis Batch: 88064

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 87527

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037		1.00	1.12		mg/L		112	75 - 125

Lab Sample ID: 705-45395-E-2-C MSD
Matrix: Water
Analysis Batch: 87711

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 87527

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.03		mg/L		103	75 - 125	0	20
Calcium	5.6		10.0	15.9		mg/L		102	75 - 125	0	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-45395-E-2-C MSD
Matrix: Water
Analysis Batch: 88064

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 87527

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.13		mg/L		113	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-87483/1-A
Matrix: Water
Analysis Batch: 87940

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 87483

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		10/10/25 08:25	10/10/25 21:09	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		10/10/25 08:25	10/10/25 21:09	1
Barium	<0.00041		0.010	0.00041	mg/L		10/10/25 08:25	10/10/25 21:09	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		10/10/25 08:25	10/10/25 21:09	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		10/10/25 08:25	10/10/25 21:09	1
Chromium	<0.0037		0.0050	0.0037	mg/L		10/10/25 08:25	10/10/25 21:09	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		10/10/25 08:25	10/10/25 21:09	1
Lead	<0.00086		0.0010	0.00086	mg/L		10/10/25 08:25	10/10/25 21:09	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		10/10/25 08:25	10/10/25 21:09	1
Selenium	<0.0023		0.0050	0.0023	mg/L		10/10/25 08:25	10/10/25 21:09	1
Thallium	<0.00019		0.0010	0.00019	mg/L		10/10/25 08:25	10/10/25 21:09	1

Lab Sample ID: LCS 705-87483/2-A
Matrix: Water
Analysis Batch: 87940

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 87483

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0894		mg/L		89	80 - 120
Arsenic	0.100	0.0957		mg/L		96	80 - 120
Barium	0.100	0.0963		mg/L		96	80 - 120
Beryllium	0.100	0.101		mg/L		101	80 - 120
Cadmium	0.100	0.0948		mg/L		95	80 - 120
Chromium	0.100	0.0937		mg/L		94	80 - 120
Cobalt	0.100	0.0969		mg/L		97	80 - 120
Lead	0.100	0.0941		mg/L		94	80 - 120
Molybdenum	0.100	0.0920		mg/L		92	80 - 120
Selenium	0.100	0.103		mg/L		103	80 - 120
Thallium	0.100	0.101		mg/L		101	80 - 120

Lab Sample ID: 705-45584-1 MS
Matrix: Water
Analysis Batch: 87940

Client Sample ID: SCH-PZ-29S
Prep Type: Total Recoverable
Prep Batch: 87483

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0907		mg/L		91	75 - 125
Arsenic	<0.0013		0.100	0.0989		mg/L		99	75 - 125
Barium	0.034		0.100	0.138		mg/L		104	75 - 125
Beryllium	<0.00015		0.100	0.100		mg/L		100	75 - 125
Cadmium	<0.00024		0.100	0.0928		mg/L		93	75 - 125
Chromium	<0.0037		0.100	0.0970		mg/L		97	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-45584-1 MS
Matrix: Water
Analysis Batch: 87940

Client Sample ID: SCH-PZ-29S
Prep Type: Total Recoverable
Prep Batch: 87483

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	<0.00041		0.100	0.0970		mg/L		97	75 - 125
Lead	<0.00086		0.100	0.0969		mg/L		97	75 - 125
Molybdenum	<0.00069		0.100	0.0978		mg/L		98	75 - 125
Selenium	<0.0023		0.100	0.0995		mg/L		99	75 - 125
Thallium	<0.00019		0.100	0.100		mg/L		100	75 - 125

Lab Sample ID: 705-45584-1 MSD
Matrix: Water
Analysis Batch: 87940

Client Sample ID: SCH-PZ-29S
Prep Type: Total Recoverable
Prep Batch: 87483

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0904		mg/L		90	75 - 125	0	20
Arsenic	<0.0013		0.100	0.104		mg/L		104	75 - 125	5	20
Barium	0.034		0.100	0.141		mg/L		107	75 - 125	2	20
Beryllium	<0.00015		0.100	0.100		mg/L		100	75 - 125	0	20
Cadmium	<0.00024		0.100	0.0925		mg/L		92	75 - 125	0	20
Chromium	<0.0037		0.100	0.103		mg/L		103	75 - 125	6	20
Cobalt	<0.00041		0.100	0.102		mg/L		102	75 - 125	5	20
Lead	<0.00086		0.100	0.0972		mg/L		97	75 - 125	0	20
Molybdenum	<0.00069		0.100	0.0980		mg/L		98	75 - 125	0	20
Selenium	<0.0023		0.100	0.101		mg/L		101	75 - 125	2	20
Thallium	<0.00019		0.100	0.101		mg/L		101	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-87429/1-A
Matrix: Water
Analysis Batch: 87708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		10/10/25 08:25	10/10/25 13:55	1

Lab Sample ID: LCS 705-87429/2-A
Matrix: Water
Analysis Batch: 87708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87429

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00385		mg/L		96	80 - 120

Lab Sample ID: 705-45584-1 MS
Matrix: Water
Analysis Batch: 87708

Client Sample ID: SCH-PZ-29S
Prep Type: Total/NA
Prep Batch: 87429

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00398		mg/L		99	75 - 125

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 705-45584-1 MSD
Matrix: Water
Analysis Batch: 87708

Client Sample ID: SCH-PZ-29S
Prep Type: Total/NA
Prep Batch: 87429

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00395		mg/L		99	75 - 125	1	20

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-87693/1
Matrix: Water
Analysis Batch: 87693

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			10/10/25 14:30	1

Lab Sample ID: LCS 705-87693/2
Matrix: Water
Analysis Batch: 87693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	1030		mg/L		104	80 - 120

Lab Sample ID: 705-45688-A-9 DU
Matrix: Water
Analysis Batch: 87693

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	680		674		mg/L		0.1	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-45584-1
Project/Site: Plant Scherer Additional PZs

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

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JOB DESCRIPTION

Plant Scherer Additional PZs

JOB NUMBER

705-45584-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Job ID: 705-45584-2
Project/Site: Plant Scherer Additional PZs

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-45584-1	SCH-PZ-29S	Water	10/08/25 17:25	10/09/25 10:15	Georgia
705-45584-2	SCH-PZ-30I	Water	10/08/25 11:45	10/09/25 10:15	Georgia
705-45584-3	SCH-AP1-FD-01	Water	10/08/25 00:00	10/09/25 10:15	Georgia
705-45584-4	SCH-AP1-EB-01	Water	10/08/25 16:00	10/09/25 10:15	Georgia
705-45584-5	SCH-AP1-FB-01	Water	10/08/25 17:30	10/09/25 10:15	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

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Client Information	Sampler: Thomas Keller	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 705-17447-8440.1
Client Contact: Joju Abraham	Phone: 678-525-1852	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): Rush 2-DAY			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	PO #: GPC82130-0003 / PO Line #1			
Email: JAbraham@southernco.com	WO #:			
Project Name: Plant Scherer Additional PZs	Project #: 70504534			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) 21 day decay	Ra226Ra228_GFPC - Combined Radium-226 and Radium-228	300_ORGFM_28D - Chloride, Fluoride and Sulfate	6010D, 6020B, 7470A	2540C_Calcd - Total Dissolved Solids (TDS)	Total Number of containers
Preservation Code:							D	D	N	N	D	N	
SCH-PZ-29S	10-3-25	17:25	G	Water	N		1	1	1	1	1	1	5
SCH-PZ-30I	10-3-25	11:45	G	Water	N		1	1	1	1	1	1	5
SCH-AP1-FD-01	10-3-25	—	G	Water	N		1	1	1	1	1	1	5
SCH-AP1-EB-01	10-3-25	16:00	G	Water	N		1	1	1	1	1	1	4
SCH-AP1-FB-01	10-3-25	17:30	G	Water	N		1	1	1	1	1	1	5
				Water									

Preservation Codes:
D - HNO3
N - None

705-45584 COC

Other:

TAT Code
SCH-CCR-OTH-2025/008

Special Instructions/Note:

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: 10-3-25	Time: 7:30	Method of Shipment:
Relinquished by:	Date/Time: 10-3-25 10:15	Company: WP	Received by:	Date/Time: 10/03/25 1015	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/3/25 1015	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.3° 2.1°C #2665

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-74480.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-45584-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 11/10/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Plant Scherer Additional PZs	Project #: 70504534			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-PZ-29S (705-45584-1)	10/8/25	17:25 Eastern	G	Water			X	X	X	2	
SCH-PZ-30I (705-45584-2)	10/8/25	11:45 Eastern	G	Water			X	X	X	2	
SCH-AP1-FD-01 (705-45584-3)	10/8/25	Eastern	G	Water			X	X	X	2	
SCH-AP1-EB-01 (705-45584-4)	10/8/25	16:00 Eastern	G	Water			X	X	X	2	
SCH-AP1-FB-01 (705-45584-5)	10/8/25	17:30 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	RC Taylor	10/09/25 1700			0820 OCT 10 2025	
2	Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-45584-2

Login Number: 45584
List Number: 1
Creator: Lincoln, Alyssa

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-45584-2

Login Number: 45584
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 10/10/25 01:26 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-45584-2
Project/Site: Plant Scherer Additional PZs

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-45584-2 — Eurofins Atlanta

Job Narrative
705-45584-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/9/2025 10:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.3°C and 2.1°C.

Gas Flow Proportional Counter
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-PZ-29S

Lab Sample ID: 705-45584-1

Date Collected: 10/08/25 17:25

Matrix: Water

Date Received: 10/09/25 10:15

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.322	U	0.241	0.242	1.00	0.343	pCi/L	10/15/25 08:05	11/11/25 17:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*30 - 110*	*10/15/25 08:05*	*11/11/25 17:34*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.579	U	0.568	0.570	1.00	0.908	pCi/L	10/15/25 08:08	11/11/25 10:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*30 - 110*	*10/15/25 08:08*	*11/11/25 10:55*	*1*
Y Carrier	*50.1*		*30 - 110*	*10/15/25 08:08*	*11/11/25 10:55*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.901	U	0.617	0.619	5.00	0.908	pCi/L		11/11/25 12:37	1

Client Sample ID: SCH-PZ-30I

Lab Sample ID: 705-45584-2

Date Collected: 10/08/25 11:45

Matrix: Water

Date Received: 10/09/25 10:15

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.401	U	0.285	0.287	1.00	0.413	pCi/L	10/15/25 08:05	11/11/25 17:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.7*		*30 - 110*	*10/15/25 08:05*	*11/11/25 17:34*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.148	U	0.309	0.309	1.00	0.622	pCi/L	10/15/25 08:08	11/11/25 10:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.7*		*30 - 110*	*10/15/25 08:08*	*11/11/25 10:55*	*1*
Y Carrier	*80.0*		*30 - 110*	*10/15/25 08:08*	*11/11/25 10:55*	*1*

Client Sample ID: SCH-PZ-30I

Lab Sample ID: 705-45584-2

Date Collected: 10/08/25 11:45
Matrix: Water
Date Received: 10/09/25 10:15

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.253	U	0.420	0.422	5.00	0.622	pCi/L		11/11/25 12:37	1

Client Sample ID: SCH-AP1-FD-01

Lab Sample ID: 705-45584-3

Date Collected: 10/08/25 00:00
Matrix: Water
Date Received: 10/09/25 10:15

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.326	U	0.255	0.256	1.00	0.377	pCi/L	10/15/25 08:05	11/11/25 17:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*10/15/25 08:05*	*11/11/25 17:34*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.06**		0.515	0.524	1.00	0.724	pCi/L	10/15/25 08:08	11/11/25 10:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*10/15/25 08:08*	*11/11/25 10:55*	*1*
Y Carrier	*75.5*		*30 - 110*	*10/15/25 08:08*	*11/11/25 10:55*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.39**		0.575	0.583	5.00	0.724	pCi/L		11/11/25 12:37	1

Client Sample ID: SCH-AP1-EB-01

Lab Sample ID: 705-45584-4

Date Collected: 10/08/25 16:00
Matrix: Water
Date Received: 10/09/25 10:15

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.431**		0.272	0.275	1.00	0.380	pCi/L	10/15/25 08:05	11/11/25 17:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*10/15/25 08:05*	*11/11/25 17:34*	*1*

Client Sample ID: SCH-AP1-EB-01

Lab Sample ID: 705-45584-4

Date Collected: 10/08/25 16:00

Matrix: Water

Date Received: 10/09/25 10:15

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0693	U	0.350	0.350	1.00	0.669	pCi/L	10/15/25 08:08	11/11/25 10:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*10/15/25 08:08*	*11/11/25 10:55*	*1*
Y Carrier	*73.3*		*30 - 110*	*10/15/25 08:08*	*11/11/25 10:55*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.362	U	0.443	0.445	5.00	0.669	pCi/L		11/11/25 12:37	1

Client Sample ID: SCH-AP1-FB-01

Lab Sample ID: 705-45584-5

Date Collected: 10/08/25 17:30

Matrix: Water

Date Received: 10/09/25 10:15

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0672	U	0.174	0.174	1.00	0.324	pCi/L	10/15/25 08:05	11/11/25 17:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*10/15/25 08:05*	*11/11/25 17:34*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0487	U	0.390	0.390	1.00	0.709	pCi/L	10/15/25 08:08	11/11/25 10:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*10/15/25 08:08*	*11/11/25 10:56*	*1*
Y Carrier	*76.3*		*30 - 110*	*10/15/25 08:08*	*11/11/25 10:56*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.116	U	0.427	0.427	5.00	0.709	pCi/L		11/11/25 12:37	1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-45584-2
Project/Site: Plant Scherer Additional PZs

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
310-317845-D-7-B MS	Matrix Spike	74.9
310-317845-D-7-C MSD	Matrix Spike Duplicate	76.2
705-45584-1	SCH-PZ-29S	80.9
705-45584-2	SCH-PZ-30I	81.7
705-45584-3	SCH-AP1-FD-01	85.8
705-45584-4	SCH-AP1-EB-01	88.0
705-45584-5	SCH-AP1-FB-01	86.1
LCS 160-740726/2-A	Lab Control Sample	80.1
MB 160-740726/1-A	Method Blank	81.1

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
310-317845-D-7-E MS	Matrix Spike	74.9	80.0
310-317845-D-7-F MSD	Matrix Spike Duplicate	76.2	71.4
705-45584-1	SCH-PZ-29S	80.9	50.1
705-45584-2	SCH-PZ-30I	81.7	80.0
705-45584-3	SCH-AP1-FD-01	85.8	75.5
705-45584-4	SCH-AP1-EB-01	88.0	73.3
705-45584-5	SCH-AP1-FB-01	86.1	76.3
LCS 160-740727/2-A	Lab Control Sample	80.1	81.1
MB 160-740727/1-A	Method Blank	81.1	80.4

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Project/Site: Plant Scherer Additional PZs

Job ID: 705-45584-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Job ID: 705-45584-2
Project/Site: Plant Scherer Additional PZs

Client Sample ID: SCH-PZ-29S
Lab Sample ID: 705-45584-1
Date Collected: 10/08/25 17:25
Matrix: Water
Date Received: 10/09/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			740726	AMS	EET SL	10/15/25 08:05
Total/NA	Analysis	9315		1	744806	SWS	EET SL	11/11/25 17:34
Total/NA	Prep	PrecSep_0			740727	AMS	EET SL	10/15/25 08:08
Total/NA	Analysis	9320		1	744806	SWS	EET SL	11/11/25 10:55
Total/NA	Analysis	Ra226_Ra228		1	744642	FLC	EET SL	11/11/25 12:37

Client Sample ID: SCH-PZ-30I
Lab Sample ID: 705-45584-2
Date Collected: 10/08/25 11:45
Matrix: Water
Date Received: 10/09/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			740726	AMS	EET SL	10/15/25 08:05
Total/NA	Analysis	9315		1	744806	SWS	EET SL	11/11/25 17:34
Total/NA	Prep	PrecSep_0			740727	AMS	EET SL	10/15/25 08:08
Total/NA	Analysis	9320		1	744806	SWS	EET SL	11/11/25 10:55
Total/NA	Analysis	Ra226_Ra228		1	744642	FLC	EET SL	11/11/25 12:37

Client Sample ID: SCH-AP1-FD-01
Lab Sample ID: 705-45584-3
Date Collected: 10/08/25 00:00
Matrix: Water
Date Received: 10/09/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			740726	AMS	EET SL	10/15/25 08:05
Total/NA	Analysis	9315		1	744806	SWS	EET SL	11/11/25 17:34
Total/NA	Prep	PrecSep_0			740727	AMS	EET SL	10/15/25 08:08
Total/NA	Analysis	9320		1	744806	SWS	EET SL	11/11/25 10:55
Total/NA	Analysis	Ra226_Ra228		1	744642	FLC	EET SL	11/11/25 12:37

Client Sample ID: SCH-AP1-EB-01
Lab Sample ID: 705-45584-4
Date Collected: 10/08/25 16:00
Matrix: Water
Date Received: 10/09/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			740726	AMS	EET SL	10/15/25 08:05
Total/NA	Analysis	9315		1	744806	SWS	EET SL	11/11/25 17:34
Total/NA	Prep	PrecSep_0			740727	AMS	EET SL	10/15/25 08:08
Total/NA	Analysis	9320		1	744806	SWS	EET SL	11/11/25 10:55
Total/NA	Analysis	Ra226_Ra228		1	744642	FLC	EET SL	11/11/25 12:37

Lab Chronicle

Client: Southern Company
Job ID: 705-45584-2
Project/Site: Plant Scherer Additional PZs

Client Sample ID: SCH-AP1-FB-01
Lab Sample ID: 705-45584-5
Date Collected: 10/08/25 17:30
Matrix: Water
Date Received: 10/09/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			740726	AMS	EET SL	10/15/25 08:05
Total/NA	Analysis	9315		1	744806	SWS	EET SL	11/11/25 17:34
Total/NA	Prep	PrecSep_0			740727	AMS	EET SL	10/15/25 08:08
Total/NA	Analysis	9320		1	744806	SWS	EET SL	11/11/25 10:56
Total/NA	Analysis	Ra226_Ra228		1	744642	FLC	EET SL	11/11/25 12:37

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-740726/1-A
Matrix: Water
Analysis Batch: 744801

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 740726

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.08106	U	0.192	0.193	1.00	0.352	pCi/L	10/15/25 08:05	11/11/25 17:23	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.1*		*30 - 110*	*10/15/25 08:05*	*11/11/25 17:23*	*1*

Lab Sample ID: LCS 160-740726/2-A
Matrix: Water
Analysis Batch: 744801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 740726

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.337		1.18	1.00	0.456	pCi/L	87	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*80.1*		*30 - 110*

Lab Sample ID: 310-317845-D-7-B MS
Matrix: Water
Analysis Batch: 744801

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 740726

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	0.352	U	9.57	8.842		1.24	1.00	0.337	pCi/L	89	60 - 140		

Carrier	*MS %Yield*	*MS Qualifier*	*Limits*
Ba Carrier	*74.9*		*30 - 110*

Lab Sample ID: 310-317845-D-7-C MSD
Matrix: Water
Analysis Batch: 744801

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 740726

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226	0.352	U	9.55	8.069		1.15	1.00	0.342	pCi/L	81	60 - 140	0.32	1

Carrier	*MSD %Yield*	*MSD Qualifier*	*Limits*
Ba Carrier	*76.2*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-740727/1-A
Matrix: Water
Analysis Batch: 744801

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 740727

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4200	U	0.380	0.382	1.00	0.601	pCi/L	10/15/25 08:08	11/11/25 10:46	1

Method: 9320 - Radium-228 (GFPC) (Continued)

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	81.1		30 - 110	10/15/25 08:08	11/11/25 10:46	1
Y Carrier	80.4		30 - 110	10/15/25 08:08	11/11/25 10:46	1

Lab Sample ID: LCS 160-740727/2-A
Matrix: Water
Analysis Batch: 744806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 740727

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.94	7.173		1.14	1.00	0.680	pCi/L	90	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	80.1		30 - 110
Y Carrier	81.1		30 - 110

Lab Sample ID: 310-317845-D-7-E MS
Matrix: Water
Analysis Batch: 744806

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 740727

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	1.34		7.93	9.299		1.39	1.00	0.747	pCi/L	100	60 - 140		

Carrier	MS %Yield	MS Qualifier	Limits
Ba Carrier	74.9		30 - 110
Y Carrier	80.0		30 - 110

Lab Sample ID: 310-317845-D-7-F MSD
Matrix: Water
Analysis Batch: 744806

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 740727

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	1.34		7.92	9.507		1.44	1.00	0.757	pCi/L	103	60 - 140	0.07	1

Carrier	MSD %Yield	MSD Qualifier	Limits
Ba Carrier	76.2		30 - 110
Y Carrier	71.4		30 - 110

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-45584-2
Project/Site: Plant Scherer Additional PZs

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

APPENDIX B

Data Validation Summary February 2025

Quality Control Review of Analytical Data - Plant Scherer Ash Pond 1 (AP-1)
Submitted by Eurofins Environmental Testing
February 2025

This narrative presents results of the quality control (QC) data review performed on analytical data submitted to Eurofins Environmental Testing, Inc. for groundwater samples collected at Plant Scherer CCR Ash Pond 1 (AP-1) between February 19 and February 24, 2025. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1. In accordance with groundwater monitoring and corrective action procedures discussed in Title 40 CFR, Subpart D - Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments, the samples were analyzed for detection monitoring constituents listed in 40 CFR, Part 257, Appendix III and assessment monitoring constituents listed in 40 CFR, Part 257, Appendix IV. Test methods included Inductively Coupled Plasma - Mass Spectrometry (USEPA Method 6020B), Mercury in Liquid Wastes (USEPA Method 7470A), Determination of Inorganic Anions by Ion Chromatography (USEPA Method 300.0), Total Dissolved Solids (Standard Methods 2540C), Sulfide (EPA 9034), Alkalinity by Titration (Standard Methods 2320B), Radium-226 (USEPA Method 9315) and Radium-228 (USEPA Method 9320).

Data were reviewed in accordance with the US EPA Region IV Data Validation Standard Operating Procedures for Contract Laboratory Program (CLP) Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0), US EPA Region IV Data Validation Standard Operating Procedures for CLP Mercury Data by Cold Vapor Atomic Absorption (September 2011, Rev. 2.0), the National Functional Guidelines for Inorganic Superfund Methods Data Review (November 2020), and US Department of Energy, Evaluation of Radiochemical Data Usability (April 1997). The review included an assessment of the results for completeness, precision (field and laboratory duplicates, matrix spike/matrix spike duplicates), accuracy (laboratory control samples and matrix spike samples), and sensitivity (reporting limits and blank contamination, including field and laboratory blanks). Additionally, sample procedures, holding times and chains-of-custody were reviewed. Where there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytic methodology, method-specific criteria or professional judgment was used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met with the exception of alkalinity (total and bicarbonate as $CaCO_3$), chloride, fluoride, sulfate, manganese, and sulfide, as described in the qualification section below.

Field Precision: Field goals for precision were met with the exception of barium, chloride, alkalinity (total and bicarbonate as $CaCO_3$), and iron, as described in the qualification section below.

Accuracy: Laboratory goals for accuracy were met with the exception of chloride, sulfate, boron, magnesium, sodium, calcium, and mercury, as described in the qualification section below.

Sensitivity: Project goals for detection limits were met with the exception of total dissolved solids (TDS). A lesser volume of sample was used for selected samples in TDS analysis due to the nature of the sample matrix, resulting in elevated reporting limits (RLs).

Certain samples were diluted due to elevated concentrations of target analytes. Dilutions do not require qualifications based on USEPA guidelines. Detection and reporting limits of non-detect compounds are elevated proportional to the dilution when undiluted sample results are not provided by the laboratory. The data usability of diluted results was evaluated by the data user in the context of site-wide characterization. Detections were found in certain blank results, as described in the qualification sections below.

Completeness: There were no rejected analytical results for this event, resulting in a completeness of 100%.

Holding Times: All holding time requirements were met in accordance with specific analytical methods.

QUALIFICATIONS

In general, chemical results for the samples collected at the Site were qualified on the basis of precision, accuracy, sensitivity, or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data during the data validation process.

J	The analyte was reported above the method detection limit and below the reporting limit. The concentration reported is an estimated value.
J+	The analyte was reported above the method detection limit; however, the concentration reported is an estimated value that may be biased high.
J-	The analyte was reported above the method detection limit; however, the concentration reported is an estimated value that may be biased low.
U	The analyte was not detected above the method detection limit.
UJ	The analyte was not detected at a level greater than or equal to the reporting limit. However, the reporting limit was approximate and may be inaccurate or imprecise.

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. Although these qualifications were applied to data from samples collected at the site and reported in SDGs, qualifications may not have been required or applied to all samples collected. A summary of sample qualifications can be found in Table 2.

- The laboratory duplicate for sample SCH-SGWC-10 in SDG 680-262055-1 displayed relative percent differences (RPDs) above QC criteria for alkalinity total as $CaCO_3$ and bicarbonate alkalinity as $CaCO_3$. The results were qualified as estimated, J.

- RPDs were above QC criteria for matrix spike and matrix spike duplicate (MS/MSDs) for chloride, fluoride, sulfate, manganese, and sulfide for select samples in SDGs 680-262055-1 and 680-262130-1, and as a result were qualified as estimated (J/UJ).

- Field duplicate RPDs and absolute differences were outside of criteria for field duplicate samples SCH-AP1-FD-2 and SCH-AP1-FD-3, and their associated parent samples SCH-SGWC-12 and SCH-PZ-13S, respectively, for select results. Chloride for sample pair SCH-AP1-FD-2 and SCH-SGWC-12 was qualified as estimated, J. And sample pair SCH-AP1-FD-3 and SCH-PZ-13S were qualified as estimated, J, for alkalinity (total and bicarbonate as $CaCO_3$) and iron. Additionally,

samples SCH-AP1-FD-3 and SCH-PZ-13S field duplicate absolute difference criteria were exceeded for lead, and qualified as estimated, J or UJ.

- Certain sulfate results in samples SCH-SGWC-10 and SCH-PZ-39S displayed MS and MSD recoveries that were above QC limits, and as a result, were qualified as estimated, bias high, J+.
- Sulfate and chloride MS and MSD recoveries in sample SCH-SGWA-5 recovered below QC limits and as a result, these results were qualified as estimated, bias low, J-.
- Mercury displayed MS and MSD recoveries below QC limits and as a result, associated sample SCH-SGWC-12 was qualified as estimated, bias low, J-.
- In SDG 680-262130-1, sample SCH-PZ-41S displayed MS and MSD recoveries for boron, calcium, magnesium, and sodium that were below QC limits, but qualification was not required because the native sample concentrations were all greater than four times the spike concentration.
- Certain barium, boron, chromium, magnesium, iron, lithium, manganese, and sodium results in SDGs 680-262130-1, 680-262176-1, and 680-262055-1 were qualified as non-detect (U) when the analyte was detected at a similar level in an associated blank sample. As shown in Table 2, if the original sample results were below the reporting limit (RL), the results were qualified as non-detect (U) and the RL was reported. If the original sample results were greater than the RL, the original results were reported and were U qualified.

WSP reviewed the data from samples collected at Plant Scherer CCR AP-1 between February 19 and February 24, 2025, in accordance with the analytical methods, the laboratory specific QC criteria, and the guidelines. As described above, 100% of the results were acceptable for project use. The data are considered usable for meeting project objectives and the results are considered valid.

REFERENCE

Paar, J.G. & Porterfield, D.R. *Evaluation of Radiochemical Data Usability.* United States Department of Energy, Office of Environmental Restoration and Waste Management, Oak Ridge National Laboratory, April 1997.

USEPA, November 2020, National, Office of Superfund Remediation and Technology Innovation, *National Functional Guidelines for Inorganic Superfund Methods Data Review.*

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, *Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data By Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy,* Revision 2.0.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, *Data Validation Standard Operating Procedures for Contract Laboratory Program Mercury Data By Cold Vapor Atomic Absorption,* Revision 2.0.

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses								
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals + Cations (EPA 6020B)**	**Iron (EPA 6020B)**	**Anions (EPA 300.0)**	**Sulfide (EPA 9034)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**
680-262055-1	SCH-SGWA-4	02/19/25	680-262055-1	WG	-	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-SGWC-7	02/19/25	680-262055-2	WG	-	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-SGWC-8	02/19/25	680-262055-3	WG	-	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-SGWC-9	02/19/25	680-262055-4	WG	-	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-SGWC-10	02/19/25	680-262055-5	WG	-	X	X	X	X	X	X	X	-	-
680-262055-1	SCH-SGWC-12	02/19/25	680-262055-6	WG	-	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-SGWC-13	02/19/25	680-262055-7	WG	-	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-SGWC-14	02/19/25	680-262055-8	WG	-	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-SGWC-16	02/19/25	680-262055-9	WG	-	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-SGWC-17	02/19/25	680-262055-10	WG	-	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-SGWA-24	02/19/25	680-262055-11	WG	-	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-SGWA-25	02/19/25	680-262055-12	WG	-	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-PZ-13S	02/19/25	680-262055-13	WG	-	X	X	X	X	X	X	X	-	-
680-262055-1	SCH-PZ-14S	02/19/25	680-262055-14	WG	-	X	X	X	X	X	X	X	-	-
680-262055-1	SCH-AP1-FD-1	02/19/25	680-262055-15	WG	FD (SCH-SGWC-9)	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-AP1-FB-1	02/19/25	680-262055-16	WQ	FB (SCH-SGWC-8)	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-AP1-FD-2	02/19/25	680-262055-17	WG	FD (SCH-SGWC-12)	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-AP1-EB-2	02/19/25	680-262055-18	WQ	EB (SCH-SGWC-13)	X	X	X	X	-	X	-	-	-
680-262055-1	SCH-AP1-FD-3	02/19/25	680-262055-19	WG	FD (SCH-PZ-13S)	X	X	X	X	X	X	X	-	-
680-262055-1	SCH-AP1-FB-3	02/19/25	680-262055-20	WQ	FB (SCH-PZ-14S)	X	X	X	X	X	X	X	-	-
680-262130-1	SCH-SGWA-1	2/20/2025	680-262130-1	WG	-	X	X	X	X	-	X	-	-	-
680-262130-1	SCH-SGWA-2	2/20/2025	680-262130-2	WG	-	X	X	X	X	-	X	-	-	-
680-262130-1	SCH-SGWA-5	2/20/2025	680-262130-3	WG	-	X	X	X	X	-	X	-	-	-
680-262130-1	SCH-SGWC-6	2/20/2025	680-262130-4	WG	-	X	X	X	X	-	X	-	-	-
680-262130-1	SCH-SGWC-11	2/20/2025	680-262130-5	WG	-	X	X	X	X	X	X	X	-	-
680-262130-1	SCH-SGWC-15	2/20/2025	680-262130-6	WG	-	X	X	X	X	X	X	X	-	-
680-262130-1	SCH-SGWC-20	2/20/2025	680-262130-7	WG	-	X	X	X	X	X	X	X	-	-
680-262130-1	SCH-SGWA-3	2/20/2025	680-262130-8	WG	-	X	X	X	X	-	X	-	-	-
680-262130-1	SCH-AP1-EB-1	2/20/2025	680-262130-9	WQ	FB (SCH-SGWC-6)	X	X	X	X	-	X	-	-	-
680-262130-1	SCH-AP1-FB-2	2/20/2025	680-262130-10	WQ	FB (SCH-SGWC-15)	X	X	X	X	X	X	X	-	-
680-262130-1	SCH-PZ-42I	2/20/2025	680-262130-11	WG	-	X	X	X	X	X	X	X	-	-
680-262130-1	SCH-AP1-FB-4	2/20/2025	680-262130-12	WQ	FB (SCH-PZ-42I)	X	X	X	X	X	X	X	-	-
680-262130-1	SCH-SGWC-22	2/20/2025	680-262130-13	WG	-	X	X	X	X	-	X	-	-	-
680-262130-1	SCH-PZ-40I	2/20/2025	680-262130-14	WG	-	X	X	X	X	X	X	X	-	-
680-262130-1	SCH-SGWC-21	2/20/2025	680-262130-15	WG	-	X	X	X	X	-	X	-	-	-
680-262130-1	SCH-PZ-17I	2/21/2025	680-262130-16	WG	-	X	X	X	X	X	X	X	-	-
680-262130-1	SCH-AP1-EB-3	2/21/2025	680-262130-17	WQ	EB (SCH-PZ-17I)	X	X	X	X	X	X	X	-	-
680-262130-1	SCH-PZ-41S	2/21/2025	680-262130-18	WG	-	X	X	X	X	X	X	X	-	-
680-262130-1	SCH-AP1-FD-4	2/21/2025	680-262130-19	WG	FD (SCH-PZ-41S)	X	X	X	X	X	X	X	-	-
680-262130-1	SCH-SGWC-18	2/21/2025	680-262130-20	WG	-	X	X	X	X	X	X	X	-	-
680-262130-1	SCH-SGWC-19	2/21/2025	680-262130-21	WG	-	X	X	X	X	-	X	-	-	-
680-262130-1	SCH-SGWC-23	2/21/2025	680-262130-22	WG	-	X	X	X	X	-	X	-	-	-
680-262176-1	SCH-PZ-39S	2/24/2025	680-262176-1	WG	-	X	X	X	X	X	X	X	-	-

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses								
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals + Cations (EPA 6020B)**	**Iron (EPA 6020B)**	**Anions (EPA 300.0)**	**Sulfide (EPA 9034)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**
680-262176-1	SCH-PZ-43S	2/24/2025	680-262176-2	WG	-	X	X	X	X	X	X	X	-	-
680-262176-1	SCH-PZ-44I	2/24/2025	680-262176-3	WG	-	X	X	X	X	X	X	X	-	-
680-262176-1	SCH-PZ-69I	2/24/2025	680-262176-4	WG	-	X	X	X	X	X	X	X	-	-
680-262176-1	SCH-AP1-EB-4	2/24/2025	680-262176-5	WQ	EB (SCH-PZ-69I)	X	X	X	X	X	X	X	-	-
680-262126-1	SCH-PZ-25S	2/21/2025	680-262126-1	WG	-	X	X	X	X	-	X	-	-	-
680-262126-1	SCH-PZ-25I	2/21/2025	680-262126-2	WG	-	-	X	X	X	-	X	-	-	-
680-262055-2	SCH-SGWA-4	2/19/2025	680-262055-1	WG	-	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-SGWC-7	2/19/2025	680-262055-2	WG	-	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-SGWC-8	2/19/2025	680-262055-3	WG	-	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-SGWC-9	2/19/2025	680-262055-4	WG	-	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-SGWC-10	2/19/2025	680-262055-5	WG	-	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-SGWC-12	2/19/2025	680-262055-6	WG	-	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-SGWC-13	2/19/2025	680-262055-7	WG	-	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-SGWC-14	2/19/2025	680-262055-8	WG	-	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-SGWC-16	2/19/2025	680-262055-9	WG	-	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-SGWC-17	2/19/2025	680-262055-10	WG	-	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-SGWA-24	2/19/2025	680-262055-11	WG	-	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-SGWA-25	2/19/2025	680-262055-12	WG	-	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-PZ-13S	2/19/2025	680-262055-13	WG	-	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-PZ-14S	2/19/2025	680-262055-14	WG	-	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-AP1-FD-1	2/19/2025	680-262055-15	WG	FD (SCH-SGWC-9)	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-AP1-FB-1	2/19/2025	680-262055-16	WQ	FB (SCH-SGWC-8)	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-AP1-FD-2	2/19/2025	680-262055-17	WG	FD (SCH-SGWC-12)	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-AP1-EB-2	2/19/2025	680-262055-18	WQ	EB (SCH-SGWC-13)	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-AP1-FD-3	2/19/2025	680-262055-19	WG	FD (SCH-PZ-13S)	-	-	-	-	-	-	-	X	X
680-262055-2	SCH-AP1-FB-3	2/19/2025	680-262055-20	WQ	FB (SCH-PZ-14S)	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-SGWA-1	2/20/2025	680-262130-1	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-SGWA-2	2/20/2025	680-262130-2	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-SGWA-5	2/20/2025	680-262130-3	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-SGWC-6	2/20/2025	680-262130-4	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-SGWC-11	2/20/2025	680-262130-5	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-SGWC-15	2/20/2025	680-262130-6	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-SGWC-20	2/20/2025	680-262130-7	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-SGWA-3	2/20/2025	680-262130-8	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-AP1-EB-1	2/20/2025	680-262130-9	WQ	EB (SCH-SGWC-6)	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-AP1-FB-2	2/20/2025	680-262130-10	WQ	FB (SCH-SGWC-15)	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-PZ-42I	2/20/2025	680-262130-11	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-AP1-FB-4	2/20/2025	680-262130-12	WQ	FB (SCH-PZ-42I)	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-SGWC-22	2/20/2025	680-262130-13	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-PZ-40I	2/20/2025	680-262130-14	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-SGWC-21	2/20/2025	680-262130-15	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-PZ-17I	2/21/2025	680-262130-16	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-AP1-EB-3	2/21/2025	680-262130-17	WQ	EB (SCH-PZ-17I)	-	-	-	-	-	-	-	X	X

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses								
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals + Cations (EPA 6020B)**	**Iron (EPA 6020B)**	**Anions (EPA 300.0)**	**Sulfide (EPA 9034)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**
680-262130-2	SCH-PZ-41S	2/21/2025	680-262130-18	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-AP1-FD-4	2/21/2025	680-262130-19	WG	FD (SCH-PZ-41S)	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-SGWC-18	2/21/2025	680-262130-20	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-SGWC-19	2/21/2025	680-262130-21	WG	-	-	-	-	-	-	-	-	X	X
680-262130-2	SCH-SGWC-23	2/21/2025	680-262130-22	WG	-	-	-	-	-	-	-	-	X	X
680-262176-2	SCH-PZ-39S	2/24/2025	680-262176-1	WG	-	-	-	-	-	-	-	-	X	X
680-262176-2	SCH-PZ-43S	2/24/2025	680-262176-2	WG	-	-	-	-	-	-	-	-	X	X
680-262176-2	SCH-PZ-44I	2/24/2025	680-262176-3	WG	-	-	-	-	-	-	-	-	X	X
680-262176-2	SCH-PZ-69I	2/24/2025	680-262176-4	WG	-	-	-	-	-	-	-	-	X	X
680-262176-2	SCH-AP1-EB-4	2/24/2025	680-262176-5	WQ	EB (SCH-PZ-69I)	-	-	-	-	-	-	-	X	X
680-262126-2	SCH-PZ-25S	2/21/2025	680-262126-1	WG	-	-	-	-	-	-	-	-	X	X

Abbreviations:

SDG- Sample Delivery Group
QC - Quality Control
WG - Groundwater
WQ - Water quality control
EPA - Environmental Protection Agency
FB - Field Blank
EB - Equipment Blank
FD - Field Duplicate

TABLE 2
Qualifier Summary Table
SCS Plant Scherer

SDG	*Sample Name*	*Constituent*	*New Result*	*New RL or MDC*	*Qualifier*	*Reason*
680-262055-1	SCH-PZ-14S	Boron	0.08	-	U	Field Blank Contamination sample less than RL
680-262055-1	SCH-PZ-14S	Chromium	-	0.0024	U	Field Blank Contamination, sample greater than RL
680-262055-1	SCH-SGWC-10	Sulfate	-	-	J+	MS/MSD above QC criteria
680-262055-1	SCH-AP1-FD-1	Sulfate	-	-	J-	MSD below QC criteria
680-262055-1	SCH-AP1-FD-1	Fluoride	-	-	UJ	MSD and RPD outside QC criteria
680-262055-1	SCH-AP1-FD-1	Chloride	-	-	J	MSD and RPD outside QC criteria
680-262055-1	SCH-AP1-FD-3	Sulfate	-	-	UJ	RPD outside QC criteria
680-262055-1	SCH-SGWA-4	Manganese	-	-	J	MS and RPD outside QC criteria
680-262055-1	SCH-SGWC-12	Mercury	-	-	UJ	MS/MSD below QC criteria
680-262055-1	SCH-PZ-13S	Sulfide	-	-	UJ	MS/MSD and RPD outside QC criteria
680-262055-1	SCH-SGWC-9	Barium	-	-	J	Field duplicate RPD exceeds QC criteria
680-262055-1	SCH-AP1-FD-1	Barium	-	-	J	Field duplicate RPD exceeds QC criteria
680-262055-1	SCH-SGWC-12	Chloride	-	-	J	Field duplicate RPD exceeds QC criteria
680-262055-1	SCH-AP1-FD-2	Chloride	-	-	J	Field duplicate RPD exceeds QC criteria
680-262055-1	SCH-PZ-13S	Alkalinity Total as CaCO3	-	-	J	Field duplicate RPD exceeds QC criteria
680-262055-1	SCH-AP1-FD-3	Alkalinity Total as CaCO3	-	-	J	Field duplicate RPD exceeds QC criteria
680-262055-1	SCH-PZ-13S	Bicarbonate Alkalinity as CaCO3	-	-	J	Field duplicate RPD exceeds QC criteria
680-262055-1	SCH-AP1-FD-3	Bicarbonate Alkalinity as CaCO3	-	-	J	Field duplicate RPD exceeds QC criteria
680-262055-1	SCH-PZ-13S	Iron	-	-	J	Field duplicate RPD exceeds QC criteria
680-262055-1	SCH-AP1-FD-3	Iron	-	-	J	Field duplicate RPD exceeds QC criteria
680-262055-1	SCH-PZ-13S	Lead	-	-	J	Field duplicate absolute difference exceeds QC criteri
680-262055-1	SCH-AP1-FD-3	Lead	-	-	UJ	Field duplicate absolute difference exceeds QC criteri
680-262055-1	SCH-SGWC-10	Alkalinity Total as CaCO3	-	-	J	Lab duplicate RPD exceeds QC criteria
680-262055-1	SCH-SGWC-10	Bicarbonate Alkalinity as CaCO3	-	-	J	Lab duplicate RPD exceeds QC criteria
680-262130-1	SCH-PZ-42I	Chromium	0.002	-	U	Field Blank Contamination sample less than RL
680-262130-1	SCH-PZ-42I	Iron	0.1	-	U	Field Blank Contamination sample less than RL
680-262130-1	SCH-PZ-41S	Lithium	-	0.0057	U	Method Blank Contamination sample greater than RL
680-262130-1	SCH-SGWA-5	Sulfate	-	-	UJ	MS/MSD below QC criteria
680-262130-1	SCH-SGWA-5	Fluoride	-	-	UJ	MS/MSD and RPD outside QC criteria
680-262130-1	SCH-SGWA-5	Chloride	-	-	J-	MS/MSD below QC criteria
680-262055-1	SCH-PZ-39S	Sulfate	-	-	J+	MS/MSD above QC criteria

Abbreviations:
RL : Reporting limit
MDC : Minimum detectable concentration
SDG : Sample delivery group
MS/MSD: Matrix Spike/Matrix Spike Duplicate
RPD: Relative Percent Difference
QC: Quality control

Qualifiers:
U: Non-detect
UJ: Non-detect, estimated
J: Estimated
J+: Estimated, high bias
J-: Estimated, low bias

APPENDIX B

Data Validation Summary July-October 2025

Quality Control Review of Analytical Data - Plant Scherer Ash Pond 1 (AP-1)
Submitted by Eurofins Environmental Testing
July 2025

This narrative presents results of the quality control (QC) data review performed on analytical data submitted to Eurofins Environment Testing, Inc. for groundwater samples collected at Plant Scherer CCR Ash Pond 1 (AP-1) between July 23 and October 8, 2025. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1. In accordance with groundwater monitoring and corrective action procedures discussed in Title 40 CFR, Subpart D - Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments, the samples were analyzed for detection monitoring constituents listed in 40 CFR, Part 257, Appendix III and assessment monitoring constituents listed in 40 CFR, Part 257, Appendix IV. Test methods included Inductively Coupled Plasma - Mass Spectrometry (USEPA Method 6020B), Mercury in Liquid Wastes (USEPA Method 7470A), Determination of Inorganic Anions by Ion Chromatography (USEPA Method 300.0), Total Dissolved Solids (Standard Methods 2540C), Alkalinity by Titration (Standard Methods 2320B), Radium-226 (USEPA Method 9315) and Radium-228 (USEPA Method 9320).

Data were reviewed in accordance with the US EPA Region IV Data Validation Standard Operating Procedures for Contract Laboratory Program (CLP) Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0), US EPA Region IV Data Validation Standard Operating Procedures for CLP Mercury Data by Cold Vapor Atomic Absorption (September 2011, Rev. 2.0), the National Functional Guidelines for Inorganic Superfund Methods Data Review (November 2020), and US Department of Energy, Evaluation of Radiochemical Data Usability (April 1997). The review included an assessment of the results for completeness, precision (field and laboratory duplicates, matrix spike/matrix spike duplicates), accuracy (laboratory control samples and matrix spike samples), and sensitivity (reporting limits and blank contamination, including field and laboratory blanks). Additionally, sample procedures, holding times and chains-of-custody were reviewed. Where there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytic methodology, method-specific criteria or professional judgment was used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met.

Field Precision: Field goals for precision were met.

Accuracy: Laboratory goals for accuracy were met with the exception of sulfate, magnesium, and sodium, as described in the qualification section below.

Sensitivity: Project goals for detection limits were met with the exception of total dissolved solids (TDS). A lesser volume of sample was used for selected samples in TDS analysis due to the nature of the sample matrix, resulting in elevated reporting limits (RLs).

Certain samples were diluted due to elevated concentrations of target analytes. Dilutions do not require qualifications based on USEPA guidelines. Detection and reporting limits of non-detect compounds are elevated proportional to the dilution when undiluted sample results are not provided by the laboratory. The data usability of diluted results was evaluated by the data user in the context of site-

wide characterization. Detections were found in certain blank results, as described in the qualification sections below.

Completeness: There were no rejected analytical results for this event, resulting in a completeness of 100%.

Holding Times: All holding time requirements were met in accordance with specific analytical methods.

QUALIFICATIONS

In general, chemical results for the samples collected at the Site were qualified on the basis of precision, accuracy, sensitivity, or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data during the data validation process.

J+ The analyte was reported above the method detection limit; however, the concentration reported is an estimated value that may be biased high.

J- The analyte was reported above the method detection limit; however, the concentration reported is an estimated value that may be biased low.

U The analyte was not detected above the method detection limit.

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. Although these qualifications were applied to data from samples collected at the site and reported in SDGs, qualifications may not have been required or applied to all samples collected. A summary of sample qualifications can be found in Table 2.

- Certain sulfate results in sample SCH-PZ-29S displayed MS and MSD recoveries that were below QC limits, and as a result, were qualified as estimated, bias low, J-.
- Sodium and magnesium had MS and MSD recoveries below QC limits for samples SCH-SGWC-16 and SCH-AP1-FD-4, respectively. The sample concentration was greater than four times the spike concentration and as a result, qualification was not required.
- In SDG 705-38437-1, sample SCH-SGWC-8 had MS and MSD recoveries for sodium that were above QC limits. The sample concentration was greater than four times the spike concentration and as a result, qualification was not required.
- Certain barium, beryllium, fluoride, mercury, and potassium results in SDGs 705-38147-1, 705-38256-1, 705-38258-1, 705-38432-1, 705-38437-1, 705-38624-1, and 705-45584-1 were qualified as non-detect (U) when the analyte was detected at a similar level in an associated blank sample. As shown in Table 2, if the original sample results were below the reporting limit (RL), the results were qualified as non-detect (U) and the RL was reported. If the original sample results were greater than the RL, the original results were reported and were U qualified.
- Certain isotope radium-228 results in samples from SDGs 705-38256-2 and 705-38437-2 were detected at a similar level in the associated blank sample. As shown in Table 2, the results were qualified as non-detect (U) for blank contamination and the minimum detectable concentration (MDC) was raised to the original sample result.

- Radium-226 in sample SCH-SGWA-1 was qualified as non-detect (U) for blank contamination and the MDC was raised to the original sample result.

- As shown on table 2, certain total radium results from SDGs 705-38256-2 and 705-38437-2 were qualified as non-detect (U) and the MDC was raised to the original sample result when isotope radium-228 was qualified U for blank contamination and radium-226 concentrations were below the MDC.
- Combined radium in sample SCH-SGWC-8 was qualified as biased high, estimated (J+) when isotope radium-228 was qualified U for blank contamination and radium-226 concentration was above the MDC.

WSP reviewed the data from samples collected at Plant Scherer CCR AP-1 between July 23 and October 8, 2025 in accordance with the analytical methods, the laboratory specific QC criteria, and the guidelines. As described above, 100% of the results were acceptable for project use. The data are considered usable for meeting project objectives and the results are considered valid.

REFERENCE

Paar, J.G. & Porterfield, D.R. *Evaluation of Radiochemical Data Usability.* United States Department of Energy, Office of Environmental Restoration and Waste Management, Oak Ridge National Laboratory, April 1997.

USEPA, November 2020, National, Office of Superfund Remediation and Technology Innovation, *National Functional Guidelines for Inorganic Superfund Methods Data Review.*

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, *Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data By Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy,* Revision 2.0.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, *Data Validation Standard Operating Procedures for Contract Laboratory Program Mercury Data By Cold Vapor Atomic Absorption,* Revision 2.0.

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses								
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals (EPA 6020B)**	**Anions (EPA 300.0)**	**Cations (EPA 6010D)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**	**Combined Radium**
705-37774-1	SCH-SGWC-16	7/23/2025	705-37774-1	WG		X	X	X	X	X	X	-	-	-
705-37774-1	SCH-AP1-FD-2	7/23/2025	705-37774-2	WG	FD (SCH-SGWC-16)	X	X	X	X	X	X	-	-	-
705-37774-1	SCH-SGWC-17	7/23/2025	705-37774-3	WG		X	X	X	X	X	X	-	-	-
705-38041-1	SCH-SGWA-2	7/24/2025	705-38041-1	WG	-	X	X	X	X	X	X	-	-	-
705-38041-1	SCH-SGWA-1	7/24/2025	705-38041-2	WG	-	X	X	X	X	X	X	-	-	-
705-38041-1	SCH-SGWA-4	7/24/2025	705-38041-3	WG	-	X	X	X	X	X	X	-	-	-
705-38041-1	SCH-SGWC-19	7/24/2025	705-38041-4	WG	-	X	X	X	X	X	X	-	-	-
705-38041-1	SCH-SGWC-20	7/24/2025	705-38041-5	WG	-	X	X	X	X	X	X	-	-	-
705-38041-1	SCH-SGWA-3	7/24/2025	705-38041-6	WG	-	X	X	X	X	X	X	-	-	-
705-38041-1	SCH-AP1-FD-1	7/24/2025	705-38041-7	WG	FD (SCH-SGWA-3)	X	X	X	X	X	X	-	-	-
705-38041-1	SCH-SGWC-18	7/25/2025	705-38041-8	WG	-	X	X	X	X	X	X	-	-	-
705-38147-1	SCH-SGWC-23	7/28/2025	705-38147-1	WG		X	X	X	X	X	X	-	-	-
705-38147-1	SCH-SGWC-22	7/28/2025	705-38147-2	WG		X	X	X	X	X	X	-	-	-
705-38147-1	SCH-AP1-EB-1	7/28/2025	705-38147-3	WQ	EB (SCH-SGWC-22)	X	X	X	X	X	X	-	-	-
705-38147-1	SCH-SGWA-24	7/28/2025	705-38147-4	WG		X	X	X	X	X	X	-	-	-
705-38147-1	SCH-SGWC-21	7/28/2025	705-38147-5	WG		X	X	X	X	X	X	-	-	-
705-38256-1	SCH-PZ-71	7/29/2025	705-38256-1	WG	-	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-PZ-42I	7/29/2025	705-38256-2	WG	-	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-AP1-FB-3	7/29/2025	705-38256-3	WQ	FB (PZ-42I)	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-PZ-39S	7/29/2025	705-38256-4	WG	-	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-PZ-44I	7/29/2025	705-38256-5	WG	-	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-PZ-69I	7/29/2025	705-38256-6	WG	-	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-AP1-EB-4	7/29/2025	705-38256-7	WQ	EB (PZ-44I)	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-PZ-43S	7/29/2025	705-38256-8	WG	-	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-PZ-17I	7/29/2025	705-38256-9	WG	-	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-PZ-40I	7/29/2025	705-38256-10	WG	-	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-AP1-EB-3	7/29/2025	705-38256-11	WQ	EB (PZ-40I)	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-PZ-41S	7/29/2025	705-38256-12	WG	-	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-PZ-70	7/29/2025	705-38256-13	WG	-	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-PZ-14S	7/29/2025	705-38256-14	WG	-	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-AP1-FD-4	7/29/2025	705-38256-15	WG	FD (PZ-70)	X	X	X	X	X	X	-	-	-
705-38256-1	SCH-AP1-FD-3	7/29/2025	705-38256-16	WG	FD (PZ-17I)	X	X	X	X	X	X	-	-	-
705-38258-1	SCH-PZ-25S	7/29/2025	705-38258-1	WG	-	X	X	X	X	X	X	-	-	-
705-38261-1	SCH-SGWC-6	7/29/2025	705-38261-1	WG	-	X	X	X	X	X	X	-	-	-
705-38429-1	SCH-PZ-25I	7/29/2025	705-38256-1	WG	-	-	X	X	X	X	X	-	-	-
705-38432-1	SCH-PZ-13S	7/30/2025	705-38432-1	WG	-	X	X	X	X	X	X	-	-	-
705-38432-1	SCH-AP1-FB-4	7/30/2025	705-38432-2	WQ	FB (SCH-PZ-13S)	X	X	X	X	X	X	-	-	-
705-38437-1	SCH-SGWC-8	7/30/2025	705-38437-1	WG	-	X	X	X	X	X	X	-	-	-
705-38437-1	SCH-SGWC-7	7/30/2025	705-38437-2	WG	-	X	X	X	X	X	X	-	-	-
705-38437-1	SCH-SGWC-10	7/30/2025	705-38437-3	WG	-	X	X	X	X	X	X	-	-	-
705-38437-1	SCH-AP1-EB-2	7/30/2025	705-38437-4	WQ	EB (SCH-SGWC-10)	X	X	X	X	X	X	-	-	-
705-38437-1	SCH-SGWC-13	7/30/2025	705-38437-5	WG	-	X	X	X	X	X	X	-	-	-
705-38437-1	SCH-SGWA-25	7/30/2025	705-38437-6	WG	-	X	X	X	X	X	X	-	-	-
705-38437-1	SCH-SGWC-9	7/30/2025	705-38437-7	WG	-	X	X	X	X	X	X	-	-	-

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses								
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals (EPA 6020B)**	**Anions (EPA 300.0)**	**Cations (EPA 6010D)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**	**Combined Radium**
705-38437-1	SCH-SGWC-15	7/30/2025	705-38437-8	WG	-	X	X	X	X	X	X	-	-	-
705-38624-1	SCH-SGWA-5	7/31/2025	705-38624-1	WG	-	X	X	X	X	X	X	-	-	-
705-38624-1	SCH-AP1-FB-1	7/31/2025	705-38624-2	WQ	FB (SCH-SGWA-5)	X	X	X	X	X	X	-	-	-
705-38624-1	SCH-SGWC-11	7/31/2025	705-38624-3	WG	-	X	X	X	X	X	X	-	-	-
705-38624-1	SCH-AP1-FB-2	7/31/2025	705-38624-4	WQ	FB (SCH-SGWC-11)	X	X	X	X	X	X	-	-	-
705-38624-1	SCH-SGWC-12	7/31/2025	705-38624-5	WG	-	X	X	X	X	X	X	-	-	-
705-38624-1	SCH-SGWC-14	7/31/2025	705-38624-6	WG	-	X	X	X	X	X	X	-	-	-
705-38041-2	SCH-SGWA-2	07/24/25	705-38041-1	WG	-	-	-	-	-	-	-	X	X	X
705-38041-2	SCH-SGWA-1	07/24/25	705-38041-2	WG	-	-	-	-	-	-	-	X	X	X
705-38041-2	SCH-SGWA-4	07/24/25	705-38041-3	WG	-	-	-	-	-	-	-	X	X	X
705-38041-2	SCH-SGWC-19	07/24/25	705-38041-4	WG	-	-	-	-	-	-	-	X	X	X
705-38041-2	SCH-SGWC-20	07/24/25	705-38041-5	WG	-	-	-	-	-	-	-	X	X	X
705-38041-2	SCH-SGWA-3	07/24/25	705-38041-6	WG	-	-	-	-	-	-	-	X	X	X
705-38041-2	SCH-AP1-FD-1	07/24/25	705-38041-7	WG	FD (SCH-SGWA-3)	-	-	-	-	-	-	X	X	X
705-38041-2	SCH-SGWC-18	07/25/25	705-38041-8	WG	-	-	-	-	-	-	-	X	X	X
705-38147-2	SCH-SGWC-23	07/28/25	705-38147-1	WG	-	-	-	-	-	-	-	X	X	X
705-38147-2	SCH-SGWC-22	07/28/25	705-38147-2	WG	-	-	-	-	-	-	-	X	X	X
705-38147-2	SCH-AP1-EB-1	07/28/25	705-38147-3	WQ	EB (SCH-SGWC-22)	-	-	-	-	-	-	X	X	X
705-38147-2	SCH-SGWA-24	07/28/25	705-38147-4	WG	-	-	-	-	-	-	-	X	X	X
705-38147-2	SCH-SGWC-21	07/28/25	705-38147-5	WG	-	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-PZ-71	07/29/25	705-38256-1	WG	-	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-PZ-42	07/29/25	705-38256-2	WG	-	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-AP1-FB-3	07/29/25	705-38256-3	WQ	FB (SCH-PZ-42I)	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-PZ-39S	07/29/25	705-38256-4	WG	-	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-PZ-44I	07/29/25	705-38256-5	WG	-	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-PZ-69I	07/29/25	705-38256-6	WG	-	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-AP1-EB-4	07/29/25	705-38256-7	WQ	EB (SCH-PZ-44I)	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-PZ-43S	07/29/25	705-38256-8	WG	-	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-PZ-17I	07/29/25	705-38256-9	WG	-	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-PZ-40I	07/29/25	705-38256-10	WG	-	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-AP1-EB-3	07/29/25	705-38256-11	WQ	EB (SCH-PZ-40I)	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-PZ-41S	07/29/25	705-38256-12	WG	-	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-PZ-70	07/29/25	705-38256-13	WG	-	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-PZ-14S	07/29/25	705-38256-14	WG	-	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-AP1-FD-4	07/29/25	705-38256-15	WG	FD (SCH-PZ-70)	-	-	-	-	-	-	X	X	X
705-38256-2	SCH-AP1-FD-3	07/29/25	705-38256-16	WG	FD (SCH-PZ-17I)	-	-	-	-	-	-	X	X	X
705-38432-2	SCH-PZ-13S	07/30/25	705-38432-1	WG	-	-	-	-	-	-	-	X	X	X
705-38432-2	SCH-AP1-FB-4	07/30/25	705-38432-2	WQ	FB (SCH-PZ-13S)	-	-	-	-	-	-	X	X	X
705-38258-2	SCH-PZ-25S	7/29/2025	705-38258-1	WG	-	-	-	-	-	-	-	X	X	X
705-38437-2	SCH-SGWC-8	07/30/25	705-38437-1	WG	-	-	-	-	-	-	-	X	X	X
705-38437-2	SCH-SGWC-7	07/30/25	705-38437-2	WG	-	-	-	-	-	-	-	X	X	X
705-38437-2	SCH-SGWC-10	07/30/25	705-38437-3	WG	-	-	-	-	-	-	-	X	X	X
705-38437-2	SCH-AP1-EB-2	07/30/25	705-38437-4	WQ	EB (SCH-SGWC-10)	-	-	-	-	-	-	X	X	X
705-38437-2	SCH-SGWC-13	07/30/25	705-38437-5	WG	-	-	-	-	-	-	-	X	X	X

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses								
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals (EPA 6020B)**	**Anions (EPA 300.0)**	**Cations (EPA 6010D)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**	**Combined Radium**
705-38437-2	SCH-SGWA-25	07/30/25	705-38437-6	WG	-	-	-	-	-	-	-	X	X	X
705-38437-2	SCH-SGWC-9	07/30/25	705-38437-7	WG	-	-	-	-	-	-	-	X	X	X
705-38437-2	SCH-SGWC-15	07/30/25	705-38437-8	WG	-	-	-	-	-	-	-	X	X	X
705-38261-2	SCH-SGWC-6	07/29/25	705-38261-1	WG	-	-	-	-	-	-	-	X	X	X
705-38624-2	SCH-SGWA-5	07/31/25	705-38624-1	WG	-	-	-	-	-	-	-	X	X	X
705-38624-2	SCH-AP1-FB-1	07/31/25	705-38624-2	WQ	FB (SCH-SGWA-5)	-	-	-	-	-	-	X	X	X
705-38624-2	SCH-SGWC-11	07/31/25	705-38624-3	WG	-	-	-	-	-	-	-	X	X	X
705-38624-2	SCH-AP1-FB-2	07/31/25	705-38624-4	WQ	FB (SCH-SGWC-11)	-	-	-	-	-	-	X	X	X
705-38624-2	SCH-SGWC-12	07/31/25	705-38624-5	WG	-	-	-	-	-	-	-	X	X	X
705-38624-2	SCH-SGWC-14	07/31/25	705-38624-6	WG	-	-	-	-	-	-	-	X	X	X
705-37774-2	SCH-SGWC-16	7/23/2025	705-37774-1	WG	-	-	-	-	-	-	-	X	X	X
705-37774-2	SCH-AP1-FD-2	7/23/2025	705-37774-2	WG	FD (SCH-SGWC-16)	-	-	-	-	-	-	X	X	X
705-37774-2	SCH-SGWC-17	7/23/2025	705-37774-3	WG	-	-	-	-	-	-	-	X	X	X
705-42501-1	SCH-PZ-70	9/9/2025	705-42501-1	WG	-	-	-	-	X	-	-	-	-	-
705-42501-1	SCH-PZ-71	9/9/2025	705-42501-2	WG	-	-	-	-	X	-	-	-	-	-
705-42501-1	SCH-AP1-FD-1	9/9/2025	705-42501-3	WG	FD (SCH-PZ-71)	-	-	-	X	-	-	-	-	-
705-42501-1	SCH-AP1-EB-1	9/9/2025	705-42501-4	WQ	EB (SCH-PZ-71)	-	-	-	X	-	-	-	-	-
705-42501-1	SCH-AP1-FB-1	9/9/2025	705-42501-5	WQ	FB (SCH-PZ-70)	-	-	-	X	-	-	-	-	-
705-45584-1	SCH-PZ-29S	10/8/2025	705-45584-1	WG	-	X	-	X	X	X	-	-	-	-
705-45584-1	SCH-PZ-30I	10/8/2025	705-45584-2	WG	-	X	-	X	X	X	-	-	-	-
705-45584-1	SCH-AP1-FD-01	10/8/2025	705-45584-3	WG	FD (SCH-PZ-30I)	X	-	X	X	X	-	-	-	-
705-45584-1	SCH-AP1-EB-01	10/8/2025	705-45584-4	WQ	EB (SCH-PZ-29S)	X	-	X	X	X	-	-	-	-
705-45584-1	SCH-AP1-FB-01	10/8/2025	705-45584-5	WQ	FB (SCH-PZ-29S)	X	-	X	X	X	-	-	-	-
705-45584-2	SCH-PZ-29S	10/8/2025	705-45584-1	WG	-	-	-	-	-	-	-	X	X	X
705-45584-2	SCH-PZ-30I	10/8/2025	705-45584-2	WG	-	-	-	-	-	-	-	X	X	X
705-45584-2	SCH-AP1-FD-01	10/8/2025	705-45584-3	WG	FD (SCH-PZ-30I)	-	-	-	-	-	-	X	X	X
705-45584-2	SCH-AP1-EB-01	10/8/2025	705-45584-4	WQ	EB (SCH-PZ-29S)	-	-	-	-	-	-	X	X	X
705-45584-2	SCH-AP1-FB-01	10/8/2025	705-45584-5	WQ	FB (SCH-PZ-29S)	-	-	-	-	-	-	X	X	X

Abbreviations:
SDG- Sample Delivery Group
QC - Quality Control
WG - Groundwater
FD - Field Duplicate
FB - Field Blank
EB - Equipment Blank
WQ - Water Quality Control

TABLE 2
Qualifier Summary Table
SCS Plant Scherer

SDG	*Sample Name*	*Constituent*	*New Result*	*New RL or MDC*	*Qualifier*	*Reason*	*Reason Code*
705-38147-1	SCH-SGWC-22	Fluoride	0.2	-	U	Equipment blank contamination; Result < RL	BEL
705-38256-1	PZ-44I	Fluoride	0.2	-	U	Equipment blank contamination; Result < RL	BF1
705-38256-1	PZ-44I	Barium	-	0.012	U	Equipment blank contamination; Result > RL	BF2
705-38258-1	SCH-PZ-25S	Potassium	-	0.12	U	Method blank contamination; Result > RL	BL2
705-38432-1	SCH-PZ-13S	Fluoride	0.2	-	U	Field blank contamination; Result < RL	BF1
705-38432-1	SCH-PZ-13S	Potassium	-	0.33	U	Field blank contamination; Result > RL	BF2
705-38432-1	SCH-PZ-13S	Mercury	-	0.00063	U	Field blank contamination; Result > RL	BF2
705-38437-1	SCH-SGWC-10	Beryllium	0.001	-	U	Equipment and method blank contamination; Result < RL	BF1
705-38437-1	SCH-SGWC-8	Beryllium	0.001	-	U	Method blank contamination; Result < RL	BL1
705-38437-1	SCH-SGWC-7	Beryllium	0.001	-	U	Method blank contamination; Result < RL	BL1
705-38437-1	SCH-SGWC-13	Beryllium	0.001	-	U	Method blank contamination; Result < RL	BL1
705-38437-1	SCH-SGWA-25	Beryllium	0.001	-	U	Method blank contamination; Result < RL	BL1
705-38437-1	SCH-SGWC-9	Beryllium	0.001	-	U	Method blank contamination; Result < RL	BL1
705-38437-1	SCH-SGWC-15	Beryllium	0.001	-	U	Method blank contamination; Result < RL	BL1
705-38437-1	SCH-SGWC-8	Mercury	0.0002	-	U	Method blank contamination; Result < RL	BL1
705-38624-1	SCH-SGWA-5	Fluoride	0.2	-	U	Field blank contamination; Result < RL	BF1
705-38624-1	SCH-SGWC-11	Fluoride	0.2	-	U	Field blank contamination; Result < RL	BF1
705-38624-1	SCH-SGWC-11	Potassium	-	0.73	U	Method blank contamination; Result > RL	BL2
705-45584-1	SCH-PZ-29S	Sulfate	-	-	J-	MS/MSD recovery below QC limits	MS1
705-45584-1	SCH-PZ-29S	Fluoride	0.2	-	U	Field and equipment blank contamination; Result < RL	BF1
705-38041-2	SCH-SGWA-1	Radium-226	-	0.162	U	Method Blank contamination; Result > RL	BL2
705-38256-2	SCH-PZ-40I	Radium-228	-	0.882	U	Method blank contamination; Result > RL	BL
705-38256-2	SCH-PZ-40I	Combined radium	-	1	U	Method blank contamination	BL
705-38437-2	SCH-SGWC-10	Radium-228	-	0.749	U	Equipment and method blank contamination; Result > RL	BF2, BL2
705-38437-2	SCH-SGWC-10	Combined Radium	-	0.77	U	Equipment and method blank contamination	BF2, BL2
705-38437-2	SCH-SGWC-8	Radium-228	-	1.73	U	Method blank contamination; Result > RL	BL2
705-38437-2	SCH-SGWC-8	Combined Radium	-	-	J+	Method blank contamination	BL2
705-38437-2	SCH-SGWC-7	Radium-228	-	1.44	U	Method blank contamination; Result > RL	BL2
705-38437-2	SCH-SGWC-7	Combined Radium	-	1.39	U	Method blank contamination	BL2
705-38437-2	SCH-SGWC-13	Radium-228	-	0.959	U	Method blank contamination; Result > RL	BL2
705-38437-2	SCH-SGWC-13	Combined Radium	-	1.03	U	Method blank contamination	BL2
705-38437-2	SCH-SGWC-9	Radium-228	-	1.42	U	Method blank contamination; Result > RL	BL2
705-38437-2	SCH-SGWC-9	Combined Radium	-	1.4	U	Method blank contamination	BL2

Abbreviations:
RL : Reporting limit
MDC : Minimum detectable concentration
SDG : Sample delivery group

Qualifiers:
U: Non-detect
J+: Estimated, bias high
J-: Estimated, biased low

APPENDIX B

Laboratory Accreditation



State of Florida
Department of Health, Bureau of Public Health Laboratories
This is to certify that

E87689

EUROFINS ST. LOUIS
13715 RIDER TRAIL NORTH
EARTH CITY, MO 63045

has complied with Florida Administrative Code 64E-1,
for the examination of environmental samples in the following categories

DRINKING WATER - RADIOCHEMISTRY, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - RADIOCHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - RADIOCHEMISTRY

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2025 Expiration Date: June 30, 2026

Marie-Claire Rowlinson, PhD, D(ABMM)
Bureau of Public Health Laboratories
DH Form 1697, 7/04
NON-TRANSFERABLE E87689-75-07/01/2025
Supersedes all previously issued certificates

Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-75, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Drinking Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
2830	Gross Alpha	EPA 900.0 (GPC)	10242634	Radiochemistry	12/6/2023
2830	Gross Alpha	SM 7110 C	20159028	Radiochemistry	12/8/2022
2840	Gross Beta	EPA 900.0 (GPC)	10242634	Radiochemistry	12/6/2023
3045	Isotopic uranium	DOE U-02-RC	90011408	Radiochemistry	8/15/2018
2965	Radium-226	EPA 903.0	10309407	Radiochemistry	3/31/2015
2970	Radium-228	EPA 904.0	10309805	Radiochemistry	12/10/2008
2985	Radon	SM 7500-Rn B	20173733	Radiochemistry	8/15/2018
2980	Radon-222	ST-RC-0222 / LSC	60051878	Radiochemistry	7/1/2020
1143	Selenium-79	ST-RC-0079 / LSC	60051845	Radiochemistry	7/1/2020
3005	Strontium-90	EPA 905.0	10310006	Radiochemistry	12/10/2008
3030	Tritium	EPA 906.0	10310200	Radiochemistry	12/10/2008
1184	Uranium (mass)	EPA 200.8	10014605	Radiochemistry	8/15/2018

Laboratory Scope of Accreditation

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State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1000	Aluminum	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1000	Aluminum	EPA 200.8	10014605	Metals	7/1/2013
1000	Aluminum	EPA 6010D	10155950	Metals	12/12/2022
1000	Aluminum	EPA 6020B	10156420	Metals	12/12/2022
1005	Antimony	EPA 200.7	10013806	Metals	7/1/2013
1005	Antimony	EPA 200.8	10014605	Metals	7/1/2013
1005	Antimony	EPA 6010D	10155950	Metals	12/12/2022
1005	Antimony	EPA 6020B	10156420	Metals	12/12/2022
1010	Arsenic	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1010	Arsenic	EPA 200.8	10014605	Metals	7/1/2013
1010	Arsenic	EPA 6010D	10155950	Metals	12/12/2022
1010	Arsenic	EPA 6020B	10156420	Metals	12/12/2022
1015	Barium	EPA 200.7	10013806	Metals	7/1/2013
1015	Barium	EPA 200.8	10014605	Metals	7/1/2013
1015	Barium	EPA 6010D	10155950	Metals	12/12/2022
1015	Barium	EPA 6020B	10156420	Metals	12/12/2022
1020	Beryllium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1020	Beryllium	EPA 200.8	10014605	Metals	7/1/2013
1020	Beryllium	EPA 6010D	10155950	Metals	12/12/2022
1020	Beryllium	EPA 6020B	10156420	Metals	12/12/2022
1025	Boron	EPA 200.7	10013806	Metals	7/1/2013
1025	Boron	EPA 6010D	10155950	Metals	12/12/2022
1025	Boron	EPA 6020B	10156420	Metals	12/12/2022
1030	Cadmium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1030	Cadmium	EPA 200.8	10014605	Metals	7/1/2013
1030	Cadmium	EPA 6010D	10155950	Metals	12/12/2022
1030	Cadmium	EPA 6020B	10156420	Metals	12/12/2022
1035	Calcium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1035	Calcium	EPA 6010D	10155950	Metals	12/12/2022
1035	Calcium	EPA 6020B	10156420	Metals	12/12/2022
1040	Chromium	EPA 200.7	10013806	Metals	7/1/2013
1040	Chromium	EPA 200.8	10014605	Metals	7/1/2013
1040	Chromium	EPA 6010D	10155950	Metals	12/12/2022
1040	Chromium	EPA 6020B	10156420	Metals	12/12/2022
1050	Cobalt	EPA 200.7	10013806	Metals	7/1/2013
1050	Cobalt	EPA 200.8	10014605	Metals	7/1/2013

Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-75, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1050	Cobalt	EPA 6010D	10155950	Metals	12/12/2022
1050	Cobalt	EPA 6020B	10156420	Metals	12/12/2022
1055	Copper	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1055	Copper	EPA 200.8	10014605	Metals	7/1/2013
1055	Copper	EPA 6010D	10155950	Metals	12/12/2022
1055	Copper	EPA 6020B	10156420	Metals	12/12/2022
2826	Gamma Emitters	EPA 901.1	10308608	Radiochemistry	7/1/2013
2830	Gross Alpha	EPA 900.0	10308200	Radiochemistry	7/1/2013
2830	Gross Alpha	EPA 900.0 (GPC)	10242634	Radiochemistry	10/20/2023
2830	Gross Alpha	EPA 9310	10310802	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 900.0	10308200	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 900.0 (GPC)	10242634	Radiochemistry	10/20/2023
2840	Gross Beta	EPA 9310	10310802	Radiochemistry	7/1/2013
1070	Iron	EPA 200.7	10013806	Metals	7/1/2013
1070	Iron	EPA 6010D	10155950	Metals	12/12/2022
1070	Iron	EPA 6020B	10156420	Metals	12/12/2022
1075	Lead	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1075	Lead	EPA 200.8	10014605	Metals	7/1/2013
1075	Lead	EPA 6010D	10155950	Metals	12/12/2022
1075	Lead	EPA 6020B	10156420	Metals	12/12/2022
1080	Lithium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1085	Magnesium	EPA 200.8	10014605	Metals	7/1/2013
1085	Magnesium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6020B	10156420	Metals	12/12/2022
1090	Manganese	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1090	Manganese	EPA 200.8	10014605	Metals	7/1/2013
1090	Manganese	EPA 6010D	10155950	Metals	12/12/2022
1090	Manganese	EPA 6020B	10156420	Metals	12/12/2022
1095	Mercury	EPA 245.1	10036609	Metals	7/1/2013
1095	Mercury	EPA 7470A	10165807	Metals	12/12/2022
1100	Molybdenum	EPA 200.7	10013806	Metals	7/1/2013
1100	Molybdenum	EPA 200.8	10014605	Metals	7/1/2013
1100	Molybdenum	EPA 6010D	10155950	Metals	12/12/2022
1100	Molybdenum	EPA 6020B	10156420	Metals	12/12/2022
1105	Nickel	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013

Laboratory Scope of Accreditation

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State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1105	Nickel	EPA 200.8	10014605	Metals	7/1/2013
1105	Nickel	EPA 6010D	10155950	Metals	12/12/2022
1105	Nickel	EPA 6020B	10156420	Metals	12/12/2022
1125	Potassium	EPA 200.7	10013806	Metals	7/1/2013
1125	Potassium	EPA 6010D	10155950	Metals	12/12/2022
1125	Potassium	EPA 6020B	10156420	Metals	12/12/2022
2965	Radium-226	EPA 903.0	10309407	Radiochemistry	7/1/2013
2970	Radium-228	EPA 904.0	10309805	Radiochemistry	7/1/2013
2970	Radium-228	EPA 9320	10208603	Radiochemistry	7/1/2013
1140	Selenium	EPA 200.7	10013806	Metals	7/1/2013
1140	Selenium	EPA 200.8	10014605	Metals	7/1/2013
1140	Selenium	EPA 6010D	10155950	Metals	12/12/2022
1140	Selenium	EPA 6020B	10156420	Metals	12/12/2022
1990	Silica as SiO2	EPA 200.7	10013806	Metals	6/12/2023
1145	Silicon	EPA 6010D	10155950	Metals	6/12/2023
1150	Silver	EPA 200.7	10013806	Metals	7/1/2013
1150	Silver	EPA 200.8	10014605	Metals	7/1/2013
1150	Silver	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6020B	10156420	Metals	12/12/2022
1155	Sodium	EPA 200.7	10013806	Metals	7/1/2013
1155	Sodium	EPA 6010D	10155950	Metals	12/12/2022
1155	Sodium	EPA 6020B	10156420	Metals	12/12/2022
1160	Strontium	EPA 200.7	10013806	Metals	7/1/2013
1160	Strontium	EPA 6010D	10155950	Metals	12/12/2022
1160	Strontium	EPA 6020B	10156420	Metals	12/12/2022
3005	Strontium-90	DOE Sr-03-RC	90009806	Radiochemistry	7/1/2013
3005	Strontium-90	EPA 905.0	10310006	Radiochemistry	7/1/2013
1165	Thallium	EPA 200.7	10013806	Metals	7/1/2013
1165	Thallium	EPA 200.8	10014605	Metals	7/1/2013
1165	Thallium	EPA 6010D	10155950	Metals	12/12/2022
1165	Thallium	EPA 6020B	10156420	Metals	12/12/2022
1170	Thorium	EPA 200.8	10014605	Metals	7/1/2013
1170	Thorium	EPA 6020B	10156420	Metals	12/12/2022
1175	Tin	EPA 200.7	10013806	Metals	7/1/2013
1175	Tin	EPA 6010D	10155950	Metals	12/12/2022
1175	Tin	EPA 6020B	10156420	Metals	12/12/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-75, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1180	Titanium	EPA 200.7	10013806	Metals	7/1/2013
1180	Titanium	EPA 6010D	10155950	Metals	12/12/2022
1180	Titanium	EPA 6020B	10156420	Metals	12/12/2022
2975	Total radium	EPA 903.0	10309407	Radiochemistry	4/21/2020
2975	Total radium	EPA 9315	10311009	Radiochemistry	7/1/2013
3030	Tritium	EPA 906.0	10310200	Radiochemistry	7/1/2013
1184	Uranium (mass)	EPA 200.8	10014605	Metals	7/1/2013
1184	Uranium (mass)	EPA 6020B	10156420	Metals	12/12/2022
1185	Vanadium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1185	Vanadium	EPA 200.8	10014605	Metals	7/1/2013
1185	Vanadium	EPA 6010D	10155950	Metals	12/12/2022
1185	Vanadium	EPA 6020B	10156420	Metals	12/12/2022
1190	Zinc	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1190	Zinc	EPA 200.8	10014605	Metals	7/1/2013
1190	Zinc	EPA 6010D	10155950	Metals	12/12/2022
1190	Zinc	EPA 6020B	10156420	Metals	12/12/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-75, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1000	Aluminum	EPA 6010D	10155950	Metals	12/12/2022
1000	Aluminum	EPA 6020B	10156420	Metals	12/12/2022
1005	Antimony	EPA 6010D	10155950	Metals	12/12/2022
1005	Antimony	EPA 6020B	10156420	Metals	12/12/2022
1010	Arsenic	EPA 6010D	10155950	Metals	12/12/2022
1010	Arsenic	EPA 6020B	10156420	Metals	12/12/2022
1015	Barium	EPA 6010D	10155950	Metals	12/12/2022
1015	Barium	EPA 6020B	10156420	Metals	12/12/2022
1020	Beryllium	EPA 6010D	10155950	Metals	12/12/2022
1020	Beryllium	EPA 6020B	10156420	Metals	12/12/2022
1025	Boron	EPA 6010D	10155950	Metals	12/12/2022
1025	Boron	EPA 6020B	10156420	Metals	12/12/2022
1030	Cadmium	EPA 6010D	10155950	Metals	12/12/2022
1030	Cadmium	EPA 6020B	10156420	Metals	12/12/2022
1035	Calcium	EPA 6010D	10155950	Metals	12/12/2022
1035	Calcium	EPA 6020B	10156420	Metals	12/12/2022
1040	Chromium	EPA 6010D	10155950	Metals	12/12/2022
1040	Chromium	EPA 6020B	10156420	Metals	12/12/2022
1050	Cobalt	EPA 6010D	10155950	Metals	12/12/2022
1050	Cobalt	EPA 6020B	10156420	Metals	12/12/2022
1055	Copper	EPA 6010D	10155950	Metals	12/12/2022
1055	Copper	EPA 6020B	10156420	Metals	12/12/2022
2830	Gross Alpha	EPA 9310	10310802	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 9310	10310802	Radiochemistry	7/1/2013
1070	Iron	EPA 6010D	10155950	Metals	12/12/2022
1070	Iron	EPA 6020B	10156420	Metals	12/12/2022
1075	Lead	EPA 6010D	10155950	Metals	12/12/2022
1075	Lead	EPA 6020B	10156420	Metals	12/12/2022
1080	Lithium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6020B	10156420	Metals	12/12/2022
1090	Manganese	EPA 6010D	10155950	Metals	12/12/2022
1090	Manganese	EPA 6020B	10156420	Metals	12/12/2022
1095	Mercury	EPA 7471B	10166457	Metals	12/12/2022
1100	Molybdenum	EPA 6010D	10155950	Metals	12/12/2022
1100	Molybdenum	EPA 6020B	10156420	Metals	12/12/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-75, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1105	Nickel	EPA 6010D	10155950	Metals	12/12/2022
1105	Nickel	EPA 6020B	10156420	Metals	12/12/2022
1125	Potassium	EPA 6010D	10155950	Metals	12/12/2022
1125	Potassium	EPA 6020B	10156420	Metals	12/12/2022
2970	Radium-228	EPA 9320	10208603	Radiochemistry	7/1/2013
1140	Selenium	EPA 6010D	10155950	Metals	12/12/2022
1140	Selenium	EPA 6020B	10156420	Metals	12/12/2022
1145	Silicon	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6020B	10156420	Metals	12/12/2022
1155	Sodium	EPA 6010D	10155950	Metals	12/12/2022
1155	Sodium	EPA 6020B	10156420	Metals	12/12/2022
1160	Strontium	EPA 6010D	10155950	Metals	12/12/2022
1160	Strontium	EPA 6020B	10156420	Metals	12/12/2022
1165	Thallium	EPA 6010D	10155950	Metals	12/12/2022
1165	Thallium	EPA 6020B	10156420	Metals	12/12/2022
1175	Tin	EPA 6010D	10155950	Metals	12/12/2022
1175	Tin	EPA 6020B	10156420	Metals	12/12/2022
1180	Titanium	EPA 6010D	10155950	Metals	12/12/2022
1180	Titanium	EPA 6020B	10156420	Metals	12/12/2022
2975	Total radium	EPA 9315	10311009	Radiochemistry	7/1/2013
1184	Uranium (mass)	EPA 6020B	10156420	Metals	12/12/2022
1185	Vanadium	EPA 6010D	10155950	Metals	12/12/2022
1185	Vanadium	EPA 6020B	10156420	Metals	12/12/2022
1190	Zinc	EPA 6010D	10155950	Metals	12/12/2022
1190	Zinc	EPA 6020B	10156420	Metals	12/12/2022



State of Florida
Department of Health, Bureau of Public Health Laboratories
This is to certify that

E87582

EUROFINS ATLANTA
3080 PRESIDENTIAL DRIVE
ATLANTA, GA 30340

has complied with Florida Administrative Code 64E-1,
for the examination of environmental samples in the following categories

DRINKING WATER - MICROBIOLOGY, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - MICROBIOLOGY, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS, AIR AND EMISSIONS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2025 Expiration Date: June 30, 2026

Marie-Claire Rowlinson, PhD, D(ABMM)
Bureau of Public Health Laboratories
DH Form 1697, 7/04
NON-TRANSFERABLE E87582-53-07/01/2025
Supersedes all previously issued certificates

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Drinking Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1005	Antimony	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1010	Arsenic	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1015	Barium	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1020	Beryllium	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1030	Cadmium	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1040	Chromium	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1055	Copper	EPA 200.8	10014605	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	7/2/2012
2525	Escherichia coli	SM 9223 B	20037676	Microbiology	1/1/2002
1075	Lead	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1105	Nickel	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1140	Selenium	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1165	Thallium	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
2500	Total coliforms	SM 9223 B	20037676	Microbiology	1/1/2002

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5105	1,1,1,2-Tetrachloroethane	EPA 624.1	10298121	Volatile Organics	11/6/2018
5105	1,1,1,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
5160	1,1,1-Trichloroethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
5160	1,1,1-Trichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
5110	1,1,2,2-Tetrachloroethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
5110	1,1,2,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 624.1	10298121	Volatile Organics	11/6/2018
5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	10307127	Volatile Organics	12/9/2022
5165	1,1,2-Trichloroethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
5165	1,1,2-Trichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4630	1,1-Dichloroethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
4630	1,1-Dichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4640	1,1-Dichloroethylene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4640	1,1-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4670	1,1-Dichloropropene	EPA 624.1	10298121	Volatile Organics	11/6/2018
4670	1,1-Dichloropropene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5150	1,2,3-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5180	1,2,3-Trichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6715	1,2,4,5-Tetrachlorobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5155	1,2,4-Trichlorobenzene	EPA 624.1	10298121	Volatile Organics	11/6/2018
5155	1,2,4-Trichlorobenzene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5155	1,2,4-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5155	1,2,4-Trichlorobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5210	1,2,4-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 624.1	10298121	Volatile Organics	11/6/2018
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8011	10173009	Volatile Organics	7/1/2003
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 624.1	10298121	Volatile Organics	11/6/2018
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8011	10173009	Volatile Organics	7/1/2003
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4610	1,2-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4610	1,2-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4610	1,2-Dichlorobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4635	1,2-Dichloroethane	EPA 624.1	10298121	Volatile Organics	1/18/2018





Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4635	1,2-Dichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4655	1,2-Dichloropropane	EPA 624.1	10298121	Volatile Organics	1/18/2018
4655	1,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6220	1,2-Diphenylhydrazine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6411	1,2-Diphenylhydrazine (as Azobenzene)	EPA 625.1	10300024	Extractable Organics	11/6/2018
5215	1,3,5-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
6885	1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270E	10242543	Volatile Organics	12/9/2022
4615	1,3-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4615	1,3-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4615	1,3-Dichlorobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4660	1,3-Dichloropropane	EPA 624.1	10298121	Volatile Organics	11/6/2018
4660	1,3-Dichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6160	1,3-Dinitrobenzene (1,3-DNB)	EPA 8270E	10242543	Volatile Organics	12/9/2022
4620	1,4-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4620	1,4-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4620	1,4-Dichlorobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
6420	1,4-Naphthoquinone	EPA 8270E	10242543	Volatile Organics	12/9/2022
6630	1,4-Phenylenediamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
5790	1-Chloronaphthalene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6380	1-Methylnaphthalene	EPA 625.1	10300024	Extractable Organics	11/6/2018
6380	1-Methylnaphthalene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6425	1-Naphthylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
4665	2,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4659	2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 625.1	10300024	Extractable Organics	1/18/2018
4659	2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 8270E	10242543	Volatile Organics	12/9/2022
6735	2,3,4,6-Tetrachlorophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
9363	2,3-Dichloroaniline	EPA 625.1	10300024	Extractable Organics	1/18/2018
8655	2,4,5-T	EPA 615	10105609	Pesticides-Herbicides-PCB's	11/26/2001
8655	2,4,5-T	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
6835	2,4,5-Trichlorophenol	EPA 625.1	10300024	Extractable Organics	11/6/2018
6835	2,4,5-Trichlorophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
6840	2,4,6-Trichlorophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6840	2,4,6-Trichlorophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8545	2,4-D	EPA 615	10105609	Pesticides-Herbicides-PCB's	11/26/2001
8545	2,4-D	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
8560	2,4-DB	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
6000	2,4-Dichlorophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6000	2,4-Dichlorophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
6130	2,4-Dimethylphenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6130	2,4-Dimethylphenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
6175	2,4-Dinitrophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6175	2,4-Dinitrophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
6185	2,4-Dinitrotoluene (2,4-DNT)	EPA 625.1	10300024	Extractable Organics	1/18/2018
6185	2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	10242543	Volatile Organics	12/9/2022
6005	2,6-Dichlorophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
6190	2,6-Dinitrotoluene (2,6-DNT)	EPA 625.1	10300024	Extractable Organics	1/18/2018
6190	2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	10242543	Volatile Organics	12/9/2022
5515	2-Acetylaminofluorene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4410	2-Butanone (Methyl ethyl ketone, MEK)	EPA 624.1	10298121	Volatile Organics	11/6/2018
4410	2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4500	2-Chloroethyl vinyl ether	EPA 624.1	10298121	Volatile Organics	1/18/2018
4500	2-Chloroethyl vinyl ether	EPA 8260D	10307127	Volatile Organics	12/9/2022
5795	2-Chloronaphthalene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5795	2-Chloronaphthalene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5800	2-Chlorophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
5800	2-Chlorophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
4535	2-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4860	2-Hexanone	EPA 624.1	10298121	Volatile Organics	11/6/2018
4860	2-Hexanone	EPA 8260D	10307127	Volatile Organics	12/9/2022
6360	2-Methyl-4,6-dinitrophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6360	2-Methyl-4,6-dinitrophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
6385	2-Methylnaphthalene	EPA 625.1	10300024	Extractable Organics	11/6/2018
6385	2-Methylnaphthalene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6400	2-Methylphenol (o-Cresol)	EPA 625.1	10300024	Extractable Organics	1/18/2018
6400	2-Methylphenol (o-Cresol)	EPA 8270E	10242543	Volatile Organics	12/9/2022
6430	2-Naphthylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6460	2-Nitroaniline	EPA 625.1	10300024	Extractable Organics	11/6/2018
6460	2-Nitroaniline	EPA 8270E	10242543	Volatile Organics	12/9/2022
6490	2-Nitrophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018





Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6490	2-Nitrophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
5050	2-Picoline (2-Methylpyridine)	EPA 8270E	10242543	Volatile Organics	12/9/2022
5945	3,3'-Dichlorobenzidine	EPA 625.1	10300024	Extractable Organics	1/18/2018
5945	3,3'-Dichlorobenzidine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6103	3,3-Dimethyl-1-butanol	EPA 8260D	10307127	Volatile Organics	12/9/2022
6120	3,3'-Dimethylbenzidine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6412	3/4-Methylphenols (m/p-Cresols)	EPA 625.1	10300024	Extractable Organics	1/18/2018
6412	3/4-Methylphenols (m/p-Cresols)	EPA 8270E	10242543	Volatile Organics	12/9/2022
6355	3-Methylcholanthrene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6465	3-Nitroaniline	EPA 625.1	10300024	Extractable Organics	11/6/2018
6465	3-Nitroaniline	EPA 8270E	10242543	Extractable Organics	12/9/2022
7355	4,4'-DDD	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7355	4,4'-DDD	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7360	4,4'-DDE	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7360	4,4'-DDE	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7365	4,4'-DDT	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7365	4,4'-DDT	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
5540	4-Aminobiphenyl	EPA 8270E	10242543	Volatile Organics	12/9/2022
5660	4-Bromophenyl phenyl ether	EPA 625.1	10300024	Extractable Organics	1/18/2018
5660	4-Bromophenyl phenyl ether	EPA 8270E	10242543	Volatile Organics	12/9/2022
5700	4-Chloro-3-methylphenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
5700	4-Chloro-3-methylphenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
5745	4-Chloroaniline	EPA 625.1	10300024	Extractable Organics	11/6/2018
5745	4-Chloroaniline	EPA 8270E	10242543	Volatile Organics	12/9/2022
5825	4-Chlorophenyl phenylether	EPA 625.1	10300024	Extractable Organics	1/18/2018
5825	4-Chlorophenyl phenylether	EPA 8270E	10242543	Volatile Organics	12/9/2022
4540	4-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
6105	4-Dimethyl aminoazobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4995	4-Methyl-2-pentanone (MIBK)	EPA 624.1	10298121	Volatile Organics	11/6/2018
4995	4-Methyl-2-pentanone (MIBK)	EPA 8260D	10307127	Volatile Organics	12/9/2022
6410	4-Methylphenol (p-Cresol)	EPA 8270E	10242543	Extractable Organics	12/9/2022
6470	4-Nitroaniline	EPA 625.1	10300024	Extractable Organics	11/6/2018
6470	4-Nitroaniline	EPA 8270E	10242543	Extractable Organics	12/9/2022
6500	4-Nitrophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6500	4-Nitrophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
6510	4-Nitroquinoline 1-oxide	EPA 8270E	10242543	Volatile Organics	12/9/2022

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6570	5-Nitro-o-toluidine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6115	7,12-Dimethylbenz(a) anthracene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6125	a,a-Dimethylphenethylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
5500	Acenaphthene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5500	Acenaphthene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5505	Acenaphthylene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5505	Acenaphthylene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4300	Acetaldehyde	EPA 8315A	10188008	Extractable Organics	12/9/2022
4315	Acetone	EPA 624.1	10298121	Volatile Organics	11/6/2018
4315	Acetone	EPA 8260D	10307127	Volatile Organics	12/9/2022
4320	Acetonitrile	EPA 8260D	10307127	Volatile Organics	12/9/2022
5510	Acetophenone	EPA 625.1	10300024	Extractable Organics	1/18/2018
5510	Acetophenone	EPA 8270E	10242543	Volatile Organics	12/9/2022
1500	Acidity, as CaCO3	SM 2310 B-2011	20044615	General Chemistry	2/8/2022
4325	Acrolein (Propenal)	EPA 624.1	10298121	Volatile Organics	1/18/2018
4325	Acrolein (Propenal)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4340	Acrylonitrile	EPA 624.1	10298121	Volatile Organics	1/18/2018
4340	Acrylonitrile	EPA 8260D	10307127	Volatile Organics	12/9/2022
7025	Aldrin	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7025	Aldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
1505	Alkalinity as CaCO3	SM 2320 B-2011	20045618	General Chemistry	2/8/2022
4355	Allyl chloride (3-Chloropropene)	EPA 8260D	10307127	Volatile Organics	12/9/2022
7110	alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7110	alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7240	alpha-Chlordane	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	11/6/2018
7240	alpha-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
6700	alpha-Terpineol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6700	alpha-Terpineol	EPA 8270E	10242543	Extractable Organics	10/6/2024
1000	Aluminum	EPA 200.7	10013806	Metals	11/26/2001
1000	Aluminum	EPA 200.8	10014605	Metals	3/31/2003
1000	Aluminum	EPA 6010D	10155950	Metals	12/9/2022
1000	Aluminum	EPA 6020B	10156420	Metals	12/9/2022
1510	Amenable cyanide	SM 4500-CN^- G-2016	20097238	General Chemistry	2/8/2022
1515	Ammonia as N	EPA 350.1	10063602	General Chemistry	11/26/2001
5545	Aniline	EPA 625.1	10300024	Extractable Organics	1/18/2018
5545	Aniline	EPA 8270E	10242543	Volatile Organics	12/9/2022





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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5555	Anthracene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5555	Anthracene	EPA 8270E	10242543	Volatile Organics	12/9/2022
1005	Antimony	EPA 200.7	10013806	Metals	11/26/2001
1005	Antimony	EPA 200.8	10014605	Metals	3/31/2003
1005	Antimony	EPA 6010D	10155950	Metals	12/9/2022
1005	Antimony	EPA 6020B	10156420	Metals	12/9/2022
5560	Aramite	EPA 8270E	10242543	Volatile Organics	12/9/2022
8880	Aroclor-1016 (PCB-1016)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8880	Aroclor-1016 (PCB-1016)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8885	Aroclor-1221 (PCB-1221)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8885	Aroclor-1221 (PCB-1221)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8890	Aroclor-1232 (PCB-1232)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8890	Aroclor-1232 (PCB-1232)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8895	Aroclor-1242 (PCB-1242)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8895	Aroclor-1242 (PCB-1242)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8900	Aroclor-1248 (PCB-1248)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8900	Aroclor-1248 (PCB-1248)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8905	Aroclor-1254 (PCB-1254)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8905	Aroclor-1254 (PCB-1254)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8910	Aroclor-1260 (PCB-1260)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8910	Aroclor-1260 (PCB-1260)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8912	Aroclor-1262 (PCB-1262)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8913	Aroclor-1268 (PCB-1268)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	11/6/2018
8913	Aroclor-1268 (PCB-1268)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
1010	Arsenic	EPA 200.7	10013806	Metals	11/26/2001
1010	Arsenic	EPA 200.8	10014605	Metals	3/31/2003
1010	Arsenic	EPA 6010D	10155950	Metals	12/9/2022
1010	Arsenic	EPA 6020B	10156420	Metals	12/9/2022
7065	Atrazine	EPA 8270E	10242543	Volatile Organics	12/9/2022
1015	Barium	EPA 200.7	10013806	Metals	11/26/2001
1015	Barium	EPA 200.8	10014605	Metals	3/31/2003
1015	Barium	EPA 6010D	10155950	Metals	12/9/2022
1015	Barium	EPA 6020B	10156420	Metals	12/9/2022
5570	Benzaldehyde	EPA 8270E	10242543	Volatile Organics	12/9/2022
4375	Benzene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4375	Benzene	EPA 8260D	10307127	Volatile Organics	12/9/2022

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5595	Benzidine	EPA 625.1	10300024	Extractable Organics	1/18/2018
5595	Benzidine	EPA 8270E	10242543	Volatile Organics	12/9/2022
5575	Benzo(a)anthracene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5575	Benzo(a)anthracene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5580	Benzo(a)pyrene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5580	Benzo(a)pyrene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5585	Benzo(b)fluoranthene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5585	Benzo(b)fluoranthene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5590	Benzo(g,h,i)perylene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5590	Benzo(g,h,i)perylene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5600	Benzo(k)fluoranthene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5600	Benzo(k)fluoranthene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5610	Benzoic acid	EPA 8270E	10242543	Volatile Organics	12/9/2022
5630	Benzyl alcohol	EPA 8270E	10242543	Volatile Organics	12/9/2022
1020	Beryllium	EPA 200.7	10013806	Metals	11/26/2001
1020	Beryllium	EPA 200.8	10014605	Metals	3/31/2003
1020	Beryllium	EPA 6010D	10155950	Metals	12/9/2022
1020	Beryllium	EPA 6020B	10156420	Metals	12/9/2022
7115	beta-BHC (beta-Hexachlorocyclohexane)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7115	beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
1530	Biochemical oxygen demand	SM 5210 B-2016	20135039	General Chemistry	2/8/2022
6703	Biphenyl (1,1-Biphenyl, BZ 0)	EPA 8270E	10242543	Volatile Organics	12/9/2022
5760	bis(2-Chloroethoxy)methane	EPA 625.1	10300024	Extractable Organics	1/18/2018
5760	bis(2-Chloroethoxy)methane	EPA 8270E	10242543	Volatile Organics	12/9/2022
5765	bis(2-Chloroethyl) ether	EPA 625.1	10300024	Extractable Organics	1/18/2018
5765	bis(2-Chloroethyl) ether	EPA 8270E	10242543	Volatile Organics	12/9/2022
1025	Boron	EPA 200.7	10013806	Metals	3/31/2003
1025	Boron	EPA 6010D	10155950	Metals	12/9/2022
1540	Bromide	EPA 300.0	10053200	General Chemistry	2/21/2008
1540	Bromide	EPA 9056A	10199607	General Chemistry	12/9/2022
4385	Bromobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4390	Bromochloromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4395	Bromodichloromethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
4395	Bromodichloromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4400	Bromoform	EPA 624.1	10298121	Volatile Organics	1/18/2018
4400	Bromoform	EPA 8260D	10307127	Volatile Organics	12/9/2022





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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5670	Butyl benzyl phthalate	EPA 625.1	10300024	Extractable Organics	1/18/2018
5670	Butyl benzyl phthalate	EPA 8270E	10242543	Volatile Organics	12/9/2022
1030	Cadmium	EPA 200.7	10013806	Metals	11/26/2001
1030	Cadmium	EPA 200.8	10014605	Metals	3/31/2003
1030	Cadmium	EPA 6010D	10155950	Metals	12/9/2022
1030	Cadmium	EPA 6020B	10156420	Metals	12/9/2022
1035	Calcium	EPA 200.7	10013806	Metals	11/26/2001
1035	Calcium	EPA 200.8	10014605	Metals	11/14/2014
1035	Calcium	EPA 6010D	10155950	Metals	12/9/2022
1035	Calcium	EPA 6020B	10156420	Metals	12/9/2022
7180	Caprolactam	EPA 8270E	10242543	Volatile Organics	12/9/2022
5680	Carbazole	EPA 625.1	10300024	Extractable Organics	1/18/2018
5680	Carbazole	EPA 8270E	10242543	Volatile Organics	12/9/2022
4450	Carbon disulfide	EPA 624.1	10298121	Volatile Organics	11/6/2018
4450	Carbon disulfide	EPA 8260D	10307127	Volatile Organics	12/9/2022
4455	Carbon tetrachloride	EPA 624.1	10298121	Volatile Organics	1/18/2018
4455	Carbon tetrachloride	EPA 8260D	10307127	Volatile Organics	12/9/2022
1555	Carbonaceous BOD (CBOD)	SM 5210 B-2016	20135039	General Chemistry	2/8/2022
1565	Chemical oxygen demand	EPA 410.4	10077404	General Chemistry	11/26/2001
7250	Chlordane (tech.)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7250	Chlordane (tech.)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
1575	Chloride	EPA 300.0	10053200	General Chemistry	11/26/2001
1575	Chloride	EPA 9056A	10199607	General Chemistry	12/9/2022
4475	Chlorobenzene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4475	Chlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
7260	Chlorobenzilate	EPA 8270E	10242543	Volatile Organics	12/9/2022
4485	Chloroethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
4485	Chloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4505	Chloroform	EPA 624.1	10298121	Volatile Organics	1/18/2018
4505	Chloroform	EPA 8260D	10307127	Volatile Organics	12/9/2022
9345	Chlorophylls	SM 10200 H - 2011	20300236	General Chemistry	2/8/2022
4525	Chloroprene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1040	Chromium	EPA 200.7	10013806	Metals	11/26/2001
1040	Chromium	EPA 200.8	10014605	Metals	3/31/2003
1040	Chromium	EPA 6010D	10155950	Metals	12/9/2022
1040	Chromium	EPA 6020B	10156420	Metals	12/9/2022





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E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1045	Chromium VI	EPA 7196A	10162400	Metals	12/9/2022
1045	Chromium VI	SM 3500-Cr B-2011	20066266	General Chemistry	2/8/2022
5855	Chrysene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5855	Chrysene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4645	cis-1,2-Dichloroethylene	EPA 624.1	10298121	Volatile Organics	11/6/2018
4645	cis-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4680	cis-1,3-Dichloropropene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4680	cis-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1050	Cobalt	EPA 200.7	10013806	Metals	11/26/2001
1050	Cobalt	EPA 200.8	10014605	Metals	3/31/2003
1050	Cobalt	EPA 6010D	10155950	Metals	12/9/2022
1050	Cobalt	EPA 6020B	10156420	Metals	12/9/2022
1605	Color	SM 2120 B-2011	20039310	General Chemistry	2/8/2022
1605	Color	SM 2120 F-2011	20041810	General Chemistry	2/8/2022
1610	Conductivity	EPA 120.1	10006403	General Chemistry	11/26/2001
1610	Conductivity	EPA 9050A	10198808	General Chemistry	12/9/2022
1055	Copper	EPA 200.7	10013806	Metals	11/26/2001
1055	Copper	EPA 200.8	10014605	Metals	3/31/2003
1055	Copper	EPA 6010D	10155950	Metals	12/9/2022
1055	Copper	EPA 6020B	10156420	Metals	12/9/2022
4555	Cyclohexane	EPA 624.1	10298121	Volatile Organics	11/6/2018
4555	Cyclohexane	EPA 8260D	10307127	Volatile Organics	12/9/2022
8555	Dalapon	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
7105	delta-BHC	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7105	delta-BHC	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
6065	Di(2-ethylhexyl) phthalate (DEHP)	EPA 625.1	10300024	Extractable Organics	1/18/2018
6065	Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270E	10242543	Volatile Organics	12/9/2022
7405	Diallate	EPA 8270E	10242543	Volatile Organics	12/9/2022
5895	Dibenz(a,h)anthracene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5895	Dibenz(a,h)anthracene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5905	Dibenzofuran	EPA 625.1	10300024	Extractable Organics	11/6/2018
5905	Dibenzofuran	EPA 8270E	10242543	Volatile Organics	12/9/2022
4575	Dibromochloromethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
4575	Dibromochloromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4595	Dibromomethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
8595	Dicamba	EPA 615	10105609	Pesticides-Herbicides-PCB's	11/26/2001

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8595	Dicamba	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
4625	Dichlorodifluoromethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
4625	Dichlorodifluoromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
8605	Dichloroprop (Dichlorprop)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
7470	Dieldrin	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7470	Dieldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
9369	Diesel range organics (DRO)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4725	Diethyl ether	EPA 8015C	10173816	Volatile Organics	12/9/2022
6070	Diethyl phthalate	EPA 625.1	10300024	Extractable Organics	1/18/2018
6070	Diethyl phthalate	EPA 8270E	10242543	Volatile Organics	12/9/2022
9375	Di-isopropylether (DIPE)	EPA 8260D	10307127	Volatile Organics	12/9/2022
7475	Dimethoate	EPA 8270E	10242543	Volatile Organics	12/9/2022
6135	Dimethyl phthalate	EPA 625.1	10300024	Extractable Organics	1/18/2018
6135	Dimethyl phthalate	EPA 8270E	10242543	Volatile Organics	12/9/2022
5925	Di-n-butyl phthalate	EPA 625.1	10300024	Extractable Organics	1/18/2018
5925	Di-n-butyl phthalate	EPA 8270E	10242543	Volatile Organics	12/9/2022
6200	Di-n-octyl phthalate	EPA 625.1	10300024	Extractable Organics	1/18/2018
6200	Di-n-octyl phthalate	EPA 8270E	10242543	Volatile Organics	12/9/2022
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
6205	Diphenylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
8625	Disulfoton	EPA 8270E	10242543	Volatile Organics	12/9/2022
7510	Endosulfan I	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7510	Endosulfan I	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7515	Endosulfan II	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7515	Endosulfan II	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7520	Endosulfan sulfate	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7520	Endosulfan sulfate	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7540	Endrin	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7540	Endrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7530	Endrin aldehyde	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7530	Endrin aldehyde	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7535	Endrin ketone	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	11/6/2018
7535	Endrin ketone	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
2525	Escherichia coli	SM 9223 B-2016 (Colilert QT)	20037701	Microbiology	2/8/2022
4747	Ethane	RSK-175	10212905	Extractable Organics	5/25/2011

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4750	Ethanol	EPA 8015C	10173816	Volatile Organics	12/9/2022
4750	Ethanol	EPA 8260D	10307127	Volatile Organics	12/9/2022
4755	Ethyl acetate	EPA 8015C	10173816	Volatile Organics	10/6/2024
4810	Ethyl methacrylate	EPA 8260D	10307127	Volatile Organics	12/9/2022
6260	Ethyl methanesulfonate	EPA 8270E	10242543	Volatile Organics	12/9/2022
4765	Ethylbenzene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4765	Ethylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4752	Ethylene	RSK-175	10212905	Extractable Organics	5/25/2011
4785	Ethylene glycol	EPA 8015C	10173816	Volatile Organics	12/9/2022
4770	Ethyl-t-butylether (ETBE)	EPA 8260D	10307127	Volatile Organics	12/9/2022
7580	Famphur	EPA 8270E	10242543	Volatile Organics	12/9/2022
2530	Fecal coliforms	SM 9222 D-2015	20210020	Microbiology	2/8/2022
1947	Fixed Residue	SM 2540 E-2015	20051610	General Chemistry	10/3/2022
6265	Fluoranthene	EPA 625.1	10300024	Extractable Organics	1/18/2018
6265	Fluoranthene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6270	Fluorene	EPA 625.1	10300024	Extractable Organics	1/18/2018
6270	Fluorene	EPA 8270E	10242543	Volatile Organics	12/9/2022
1730	Fluoride	EPA 300.0	10053200	General Chemistry	11/26/2001
1730	Fluoride	EPA 9056A	10199607	General Chemistry	12/9/2022
4815	Formaldehyde	EPA 8315A	10188008	Extractable Organics	12/9/2022
7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7245	gamma-Chlordane	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	11/6/2018
7245	gamma-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
9408	Gasoline range organics (GRO)	EPA 8015C	10173816	Volatile Organics	12/9/2022
1750	Hardness	SM 2340 B-2011	20046611	General Chemistry	2/8/2022
7685	Heptachlor	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7685	Heptachlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7690	Heptachlor epoxide	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7690	Heptachlor epoxide	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
6275	Hexachlorobenzene	EPA 625.1	10300024	Extractable Organics	1/18/2018
6275	Hexachlorobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4835	Hexachlorobutadiene	EPA 625.1	10300024	Extractable Organics	1/18/2018
4835	Hexachlorobutadiene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4835	Hexachlorobutadiene	EPA 8270E	10242543	Volatile Organics	12/9/2022

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E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6285	Hexachlorocyclopentadiene	EPA 625.1	10300024	Extractable Organics	1/18/2018
6285	Hexachlorocyclopentadiene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4840	Hexachloroethane	EPA 625.1	10300024	Extractable Organics	1/18/2018
4840	Hexachloroethane	EPA 8270E	10242543	Volatile Organics	12/9/2022
6290	Hexachlorophene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6295	Hexachloropropene	EPA 8270E	10242543	Volatile Organics	12/9/2022
1780	Ignitability	EPA 1010B	10234830	General Chemistry	12/9/2022
6315	Indeno(1,2,3-cd)pyrene	EPA 625.1	10300024	Extractable Organics	1/18/2018
6315	Indeno(1,2,3-cd)pyrene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4870	Iodomethane (Methyl iodide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
1070	Iron	EPA 200.7	10013806	Metals	11/26/2001
1070	Iron	EPA 200.8	10014605	Metals	11/14/2014
1070	Iron	EPA 6010D	10155950	Metals	12/9/2022
1070	Iron	EPA 6020B	10156420	Metals	12/9/2022
1070	Iron	SM 3500-Fe B-2011	20069016	General Chemistry	2/8/2022
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260D	10307127	Volatile Organics	12/9/2022
7725	Isodrin	EPA 8270E	10242543	Volatile Organics	12/9/2022
6320	Isophorone	EPA 625.1	10300024	Extractable Organics	1/18/2018
6320	Isophorone	EPA 8270E	10242543	Volatile Organics	12/9/2022
4895	Isopropyl alcohol (2-Propanol)	EPA 624.1	10298121	Volatile Organics	11/6/2018
4895	Isopropyl alcohol (2-Propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4900	Isopropylbenzene	EPA 624.1	10298121	Volatile Organics	11/6/2018
4900	Isopropylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
6325	Isosafrole	EPA 8270E	10242543	Volatile Organics	12/9/2022
7740	Kepone	EPA 8270E	10242543	Volatile Organics	12/9/2022
1795	Kjeldahl nitrogen - total	EPA 351.2	10065404	General Chemistry	11/26/2001
1075	Lead	EPA 200.7	10013806	Metals	11/26/2001
1075	Lead	EPA 200.8	10014605	Metals	3/31/2003
1075	Lead	EPA 6010D	10155950	Metals	12/9/2022
1075	Lead	EPA 6020B	10156420	Metals	12/9/2022
1080	Lithium	EPA 200.7	10013806	Metals	10/6/2024
1080	Lithium	EPA 6010D	10155950	Metals	10/6/2024
5240	m+p-Xylenes	EPA 624.1	10298121	Volatile Organics	1/18/2018
5240	m+p-Xylenes	EPA 8260D	10307127	Volatile Organics	12/9/2022
1085	Magnesium	EPA 200.7	10013806	Metals	11/26/2001





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E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1085	Magnesium	EPA 200.8	10014605	Metals	11/14/2014
1085	Magnesium	EPA 6010D	10155950	Metals	12/9/2022
1085	Magnesium	EPA 6020B	10156420	Metals	12/9/2022
1090	Manganese	EPA 200.7	10013806	Metals	11/26/2001
1090	Manganese	EPA 200.8	10014605	Metals	3/31/2003
1090	Manganese	EPA 6010D	10155950	Metals	12/9/2022
1090	Manganese	EPA 6020B	10156420	Metals	12/9/2022
7775	MCPA	EPA 615	10105609	Pesticides-Herbicides-PCB's	10/6/2024
7775	MCPA	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
7780	MCPP	EPA 615	10105609	Pesticides-Herbicides-PCB's	10/6/2024
7780	MCPP	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
1095	Mercury	EPA 245.1	10036609	Metals	11/26/2001
1095	Mercury	EPA 7470A	10165807	Metals	12/9/2022
4925	Methacrylonitrile	EPA 8260D	10307127	Volatile Organics	12/9/2022
4926	Methane	RSK-175	10212905	Extractable Organics	5/25/2011
4930	Methanol	EPA 8015C	10173816	Volatile Organics	12/9/2022
6345	Methapyrilene	EPA 8270E	10242543	Volatile Organics	12/9/2022
7810	Methoxychlor	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7810	Methoxychlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
4940	Methyl acetate	EPA 624.1	10298121	Volatile Organics	11/6/2018
4940	Methyl acetate	EPA 8260D	10307127	Volatile Organics	12/9/2022
4950	Methyl bromide (Bromomethane)	EPA 624.1	10298121	Volatile Organics	1/18/2018
4950	Methyl bromide (Bromomethane)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4960	Methyl chloride (Chloromethane)	EPA 624.1	10298121	Volatile Organics	1/18/2018
4960	Methyl chloride (Chloromethane)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4990	Methyl methacrylate	EPA 8260D	10307127	Volatile Organics	12/9/2022
6375	Methyl methanesulfonate	EPA 8270E	10242543	Volatile Organics	12/9/2022
7825	Methyl parathion (Parathion, methyl)	EPA 8270E	10242543	Volatile Organics	12/9/2022
5000	Methyl tert-butyl ether (MTBE)	EPA 624.1	10298121	Volatile Organics	1/18/2018
5000	Methyl tert-butyl ether (MTBE)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4965	Methylcyclohexane	EPA 624.1	10298121	Volatile Organics	11/6/2018
4965	Methylcyclohexane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4975	Methylene chloride	EPA 624.1	10298121	Volatile Organics	1/18/2018
4975	Methylene chloride	EPA 8260D	10307127	Volatile Organics	12/9/2022
1100	Molybdenum	EPA 200.7	10013806	Metals	11/26/2001
1100	Molybdenum	EPA 200.8	10014605	Metals	3/31/2003





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E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1100	Molybdenum	EPA 6010D	10155950	Metals	12/9/2022
1100	Molybdenum	EPA 6020B	10156420	Metals	12/9/2022
5005	Naphthalene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5005	Naphthalene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5005	Naphthalene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4425	n-Butyl alcohol	EPA 8015C	10173816	Volatile Organics	12/9/2022
4435	n-Butylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5875	n-Decane	EPA 625.1	10300024	Extractable Organics	1/18/2018
1105	Nickel	EPA 200.7	10013806	Metals	11/26/2001
1105	Nickel	EPA 200.8	10014605	Metals	3/31/2003
1105	Nickel	EPA 6010D	10155950	Metals	12/9/2022
1105	Nickel	EPA 6020B	10156420	Metals	12/9/2022
1805	Nitrate	EPA 9056A	10199607	General Chemistry	12/9/2022
1810	Nitrate as N	EPA 300.0	10053200	General Chemistry	11/26/2001
1810	Nitrate as N	EPA 353.2	10067604	General Chemistry	11/26/2001
1820	Nitrate-nitrite	EPA 300.0	10053200	General Chemistry	11/26/2001
1820	Nitrate-nitrite	EPA 353.2	10067604	General Chemistry	11/26/2001
1835	Nitrite	EPA 9056A	10199607	General Chemistry	12/9/2022
1840	Nitrite as N	EPA 300.0	10053200	General Chemistry	11/26/2001
1840	Nitrite as N	EPA 353.2	10067604	General Chemistry	11/26/2001
5015	Nitrobenzene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5015	Nitrobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6525	n-Nitrosodiethylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6530	n-Nitrosodimethylamine	EPA 625.1	10300024	Extractable Organics	1/18/2018
6530	n-Nitrosodimethylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
5025	n-Nitroso-di-n-butylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6545	n-Nitrosodi-n-propylamine	EPA 625.1	10300024	Extractable Organics	1/18/2018
6545	n-Nitrosodi-n-propylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6535	n-Nitrosodiphenylamine	EPA 625.1	10300024	Extractable Organics	1/18/2018
6535	n-Nitrosodiphenylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6550	n-Nitrosomethylethylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6555	n-Nitrosomorpholine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6560	n-Nitrosopiperidine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6565	n-Nitrosopyrrolidine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6580	n-Octadecane	EPA 625.1	10300024	Extractable Organics	1/18/2018
5055	n-Propanol (1-Propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022

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E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5090	n-Propylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
8290	o,o,o-Triethyl phosphorothioate	EPA 8270E	10242543	Volatile Organics	12/9/2022
1860	Oil & Grease	EPA 1664B	10261617	General Chemistry	4/9/2014
1860	Oil & Grease	EPA 9070A	10245020	General Chemistry	12/9/2022
1865	Organic nitrogen	TKN minus AMMONIA	60034437	General Chemistry	11/26/2001
1870	Orthophosphate as P	EPA 300.0	10053200	General Chemistry	11/26/2001
1870	Orthophosphate as P	EPA 365.1	10070005	General Chemistry	5/19/2004
1870	Orthophosphate as P	EPA 9056A	10199607	General Chemistry	12/9/2022
5145	o-Toluidine	EPA 8270E	10242543	Volatile Organics	12/9/2022
1880	Oxygen, dissolved	SM 4500-O H-2016	20121680	General Chemistry	12/16/2021
5250	o-Xylene	EPA 624.1	10298121	Volatile Organics	1/18/2018
5250	o-Xylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
7955	Parathion, ethyl	EPA 8270E	10242543	Volatile Organics	12/9/2022
6590	Pentachlorobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5035	Pentachloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6600	Pentachloronitrobenzene (Quintozene)	EPA 8270E	10242543	Volatile Organics	12/9/2022
6605	Pentachlorophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6605	Pentachlorophenol	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
6605	Pentachlorophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
1900	pH	EPA 9040C	10244403	General Chemistry	12/9/2022
1900	pH	SM 4500-H+ B-2011	20105220	General Chemistry	2/8/2022
6610	Phenacetin	EPA 8270E	10242543	Volatile Organics	12/9/2022
6615	Phenanthrene	EPA 625.1	10300024	Extractable Organics	1/18/2018
6615	Phenanthrene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6625	Phenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6625	Phenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
7985	Phorate	EPA 8270E	10242543	Volatile Organics	12/9/2022
1910	Phosphorus, total	EPA 200.7	10013806	Metals	3/31/2003
1910	Phosphorus, total	EPA 365.1	10070005	General Chemistry	11/26/2001
1910	Phosphorus, total	EPA 6010D	10155950	Metals	12/9/2022
4910	p-Isopropyltoluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1125	Potassium	EPA 200.7	10013806	Metals	11/26/2001
1125	Potassium	EPA 200.8	10014605	Metals	11/14/2014
1125	Potassium	EPA 6010D	10155950	Metals	12/9/2022
1125	Potassium	EPA 6020B	10156420	Metals	12/9/2022
6650	Pronamide (Kerb)	EPA 8270E	10242543	Volatile Organics	12/9/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5080	Propionitrile (Ethyl cyanide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
6665	Pyrene	EPA 625.1	10300024	Extractable Organics	1/18/2018
6665	Pyrene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5095	Pyridine	EPA 625.1	10300024	Extractable Organics	1/18/2018
5095	Pyridine	EPA 8270E	10242543	Volatile Organics	12/9/2022
1955	Residue-filterable (TDS)	SM 2540 C-2015	20050435	General Chemistry	2/8/2022
1960	Residue-nonfilterable (TSS)	SM 2540 D-2015	20051223	General Chemistry	2/8/2022
1965	Residue-settleable	SM 2540 F-2015	20052226	General Chemistry	2/8/2022
1950	Residue-total	SM 2540 B-2015	20049438	General Chemistry	2/8/2022
1970	Residue-volatile	SM 2540 E-2015	20051610	General Chemistry	10/3/2022
6685	Safrole	EPA 8270E	10242543	Volatile Organics	12/9/2022
4440	sec-Butylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1140	Selenium	EPA 200.7	10013806	Metals	11/26/2001
1140	Selenium	EPA 200.8	10014605	Metals	3/31/2003
1140	Selenium	EPA 6010D	10155950	Metals	12/9/2022
1140	Selenium	EPA 6020B	10156420	Metals	12/9/2022
1990	Silica as SiO2	EPA 200.7	10013806	Metals	2/21/2008
1990	Silica as SiO2	EPA 6010D	10155950	Metals	12/9/2022
1150	Silver	EPA 200.7	10013806	Metals	11/26/2001
1150	Silver	EPA 200.8	10014605	Metals	3/31/2003
1150	Silver	EPA 6010D	10155950	Metals	12/9/2022
1150	Silver	EPA 6020B	10156420	Metals	12/9/2022
8650	Silvex (2,4,5-TP)	EPA 615	10105609	Pesticides-Herbicides-PCB's	11/26/2001
8650	Silvex (2,4,5-TP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
1155	Sodium	EPA 200.7	10013806	Metals	11/26/2001
1155	Sodium	EPA 200.8	10014605	Metals	11/14/2014
1155	Sodium	EPA 6010D	10155950	Metals	12/9/2022
1155	Sodium	EPA 6020B	10156420	Metals	12/9/2022
1160	Strontium	EPA 200.7	10013806	Metals	2/23/2006
1160	Strontium	EPA 6010D	10155950	Metals	12/9/2022
5100	Styrene	EPA 624.1	10298121	Volatile Organics	11/6/2018
5100	Styrene	EPA 8260D	10307127	Volatile Organics	12/9/2022
2000	Sulfate	EPA 300.0	10053200	General Chemistry	11/26/2001
2000	Sulfate	EPA 9056A	10199607	General Chemistry	12/9/2022
2005	Sulfide	EPA 9034	10196006	General Chemistry	2/14/2025
2005	Sulfide	SM 4500-$S2^{-}$ F-2011	20126663	General Chemistry	2/8/2022

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
2015	Sulfite-SO3	SM 4500-$SO_3^{=}$ B-2011	20130636	General Chemistry	2/8/2022
8155	Sulfotepp	EPA 8270E	10242543	Extractable Organics	12/9/2022
2025	Surfactants - MBAS	SM 5540 C-2011	20145066	General Chemistry	2/8/2022
4370	T-amylmethylether (TAME)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4368	tert-Amyl Alcohol	EPA 8260D	10307127	Volatile Organics	12/9/2022
4369	tert-Amyl Ethyl Ether (TAEE)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4420	tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4420	tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260D	10307127	Volatile Organics	12/9/2022
9557	tert-Butyl Formate	EPA 8260D	10307127	Volatile Organics	12/9/2022
4445	tert-Butylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5115	Tetrachloroethylene (Perchloroethylene)	EPA 624.1	10298121	Volatile Organics	1/18/2018
5115	Tetrachloroethylene (Perchloroethylene)	EPA 8260D	10307127	Volatile Organics	12/9/2022
1165	Thallium	EPA 200.7	10013806	Metals	11/26/2001
1165	Thallium	EPA 200.8	10014605	Metals	3/31/2003
1165	Thallium	EPA 6010D	10155950	Metals	12/9/2022
1165	Thallium	EPA 6020B	10156420	Metals	12/9/2022
8235	Thionazin (Zinophos)	EPA 8270E	10242543	Volatile Organics	12/9/2022
1175	Tin	EPA 200.7	10013806	Metals	3/31/2003
1175	Tin	EPA 200.8	10014605	Metals	11/14/2014
1175	Tin	EPA 6010D	10155950	Metals	12/9/2022
1175	Tin	EPA 6020B	10156420	Metals	12/9/2022
1180	Titanium	EPA 200.7	10013806	Metals	3/31/2003
1180	Titanium	EPA 200.8	10014605	Metals	11/14/2014
1180	Titanium	EPA 6010D	10155950	Metals	12/9/2022
1180	Titanium	EPA 6020B	10156420	Metals	12/9/2022
5140	Toluene	EPA 624.1	10298121	Volatile Organics	1/18/2018
5140	Toluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
2500	Total coliforms	SM 9222 B-2015	20208439	Microbiology	2/8/2022
1645	Total cyanide	EPA 9014	10193803	General Chemistry	12/9/2022
1645	Total cyanide	SM 4500-$CN^{=}$ E-2016	20096439	General Chemistry	2/8/2022
1755	Total hardness as CaCO3	EPA 200.7	10013806	Metals	11/26/2001
1825	Total nitrate-nitrite	EPA 9056A	10199607	General Chemistry	12/9/2022
2040	Total organic carbon	EPA 9060A	10244823	General Chemistry	12/9/2022
2040	Total organic carbon	SM 5310 B-2014	20137831	General Chemistry	2/8/2022
2050	Total Petroleum Hydrocarbons (TPH)	EPA 1664B	10261617	General Chemistry	4/9/2014
2050	Total Petroleum Hydrocarbons (TPH)	FL-PRO	90015808	Extractable Organics	7/1/2003

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1905	Total phenolics	EPA 420.4	10080203	General Chemistry	5/25/2011
1905	Total phenolics	EPA 9065	10200405	General Chemistry	7/1/2003
1940	Total residual chlorine	SM 4500-Cl G-2011	20081623	General Chemistry	2/8/2022
1725	Total, fixed, and volatile residue	SM 2540 G-2015	20005281	General Chemistry	2/8/2022
8250	Toxaphene (Chlorinated camphene)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8250	Toxaphene (Chlorinated camphene)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
4700	trans-1,2-Dichloroethylene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4700	trans-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4685	trans-1,3-Dichloropropene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4685	trans-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4605	trans-1,4-Dichloro-2-butene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5170	Trichloroethene (Trichloroethylene)	EPA 624.1	10298121	Volatile Organics	1/18/2018
5170	Trichloroethene (Trichloroethylene)	EPA 8260D	10307127	Volatile Organics	12/9/2022
5175	Trichlorofluoromethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
5175	Trichlorofluoromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
2055	Turbidity	EPA 180.1	10011800	General Chemistry	11/26/2001
1185	Vanadium	EPA 200.7	10013806	Metals	11/26/2001
1185	Vanadium	EPA 200.8	10014605	Metals	3/31/2003
1185	Vanadium	EPA 6010D	10155950	Metals	12/9/2022
1185	Vanadium	EPA 6020B	10156420	Metals	12/9/2022
5225	Vinyl acetate	EPA 8260D	10307127	Volatile Organics	12/9/2022
5235	Vinyl chloride	EPA 624.1	10298121	Volatile Organics	1/18/2018
5235	Vinyl chloride	EPA 8260D	10307127	Volatile Organics	12/9/2022
5260	Xylene (total)	EPA 624.1	10298121	Volatile Organics	1/18/2018
5260	Xylene (total)	EPA 8260D	10307127	Volatile Organics	12/9/2022
1190	Zinc	EPA 200.7	10013806	Metals	11/26/2001
1190	Zinc	EPA 200.8	10014605	Metals	3/31/2003
1190	Zinc	EPA 6010D	10155950	Metals	12/9/2022
1190	Zinc	EPA 6020B	10156420	Metals	12/9/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5105	1,1,1,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
5160	1,1,1-Trichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
5110	1,1,2,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	10307127	Volatile Organics	12/9/2022
5165	1,1,2-Trichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4630	1,1-Dichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4640	1,1-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4670	1,1-Dichloropropene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5150	1,2,3-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5180	1,2,3-Trichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6715	1,2,4,5-Tetrachlorobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5155	1,2,4-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5155	1,2,4-Trichlorobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5210	1,2,4-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4610	1,2-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4610	1,2-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4635	1,2-Dichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4655	1,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6220	1,2-Diphenylhydrazine	EPA 8270E	10242543	Extractable Organics	12/9/2022
5215	1,3,5-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
6885	1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270E	10242543	Extractable Organics	12/9/2022
4615	1,3-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4615	1,3-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4660	1,3-Dichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6160	1,3-Dinitrobenzene (1,3-DNB)	EPA 8270E	10242543	Extractable Organics	12/9/2022
4620	1,4-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4620	1,4-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
6420	1,4-Naphthoquinone	EPA 8270E	10242543	Extractable Organics	12/9/2022
6630	1,4-Phenylenediamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
5790	1-Chloronaphthalene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6380	1-Methylnaphthalene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6425	1-Naphthylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4665	2,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4659	2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 8270E	10242543	Extractable Organics	12/9/2022
6735	2,3,4,6-Tetrachlorophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
8655	2,4,5-T	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
6835	2,4,5-Trichlorophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
6840	2,4,6-Trichlorophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
8545	2,4-D	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
8560	2,4-DB	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
6000	2,4-Dichlorophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
6130	2,4-Dimethylphenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
6175	2,4-Dinitrophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
6185	2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	10242543	Extractable Organics	12/9/2022
6005	2,6-Dichlorophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
6190	2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	10242543	Extractable Organics	12/9/2022
5515	2-Acetylaminofluorene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4410	2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4500	2-Chloroethyl vinyl ether	EPA 8260D	10307127	Volatile Organics	12/9/2022
5795	2-Chloronaphthalene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5800	2-Chlorophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
4535	2-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4860	2-Hexanone	EPA 8260D	10307127	Volatile Organics	12/9/2022
6360	2-Methyl-4,6-dinitrophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
6385	2-Methylnaphthalene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6400	2-Methylphenol (o-Cresol)	EPA 8270E	10242543	Extractable Organics	12/9/2022
6430	2-Naphthylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6460	2-Nitroaniline	EPA 8270E	10242543	Extractable Organics	12/9/2022
6490	2-Nitrophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
5050	2-Picoline (2-Methylpyridine)	EPA 8270E	10242543	Extractable Organics	12/9/2022
5945	3,3'-Dichlorobenzidine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6120	3,3'-Dimethylbenzidine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6412	3/4-Methylphenols (m/p-Cresols)	EPA 8270E	10242543	Extractable Organics	12/9/2022
6355	3-Methylcholanthrene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6465	3-Nitroaniline	EPA 8270E	10242543	Extractable Organics	12/9/2022
7355	4,4'-DDD	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7360	4,4'-DDE	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
7365	4,4'-DDT	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
5540	4-Aminobiphenyl	EPA 8270E	10242543	Extractable Organics	12/9/2022
5660	4-Bromophenyl phenyl ether	EPA 8270E	10242543	Extractable Organics	12/9/2022
5700	4-Chloro-3-methylphenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
5745	4-Chloroaniline	EPA 8270E	10242543	Extractable Organics	12/9/2022
5825	4-Chlorophenyl phenylether	EPA 8270E	10242543	Extractable Organics	12/9/2022
4540	4-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
6105	4-Dimethyl aminoazobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4995	4-Methyl-2-pentanone (MIBK)	EPA 8260D	10307127	Volatile Organics	12/9/2022
6410	4-Methylphenol (p-Cresol)	EPA 8270E	10242543	Extractable Organics	12/9/2022
6470	4-Nitroaniline	EPA 8270E	10242543	Extractable Organics	12/9/2022
6500	4-Nitrophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
6510	4-Nitroquinoline 1-oxide	EPA 8270E	10242543	Extractable Organics	12/9/2022
6570	5-Nitro-o-toluidine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6115	7,12-Dimethylbenz(a) anthracene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6125	a,a-Dimethylphenethylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
5500	Acenaphthene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5505	Acenaphthylene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4315	Acetone	EPA 8260D	10307127	Volatile Organics	12/9/2022
4320	Acetonitrile	EPA 8260D	10307127	Volatile Organics	12/9/2022
5510	Acetophenone	EPA 8270E	10242543	Extractable Organics	12/9/2022
4325	Acrolein (Propenal)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4340	Acrylonitrile	EPA 8260D	10307127	Volatile Organics	12/9/2022
7025	Aldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
4355	Allyl chloride (3-Chloropropene)	EPA 8260D	10307127	Volatile Organics	12/9/2022
7110	alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7240	alpha-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
1000	Aluminum	EPA 6010D	10155950	Metals	12/9/2022
1000	Aluminum	EPA 6020B	10156420	Metals	12/9/2022
1515	Ammonia as N	EPA 350.1	10063602	General Chemistry	5/25/2011
5545	Aniline	EPA 8270E	10242543	Extractable Organics	12/9/2022
5555	Anthracene	EPA 8270E	10242543	Extractable Organics	12/9/2022
1005	Antimony	EPA 6010D	10155950	Metals	12/9/2022
1005	Antimony	EPA 6020B	10156420	Metals	12/9/2022
5560	Aramite	EPA 8270E	10242543	Extractable Organics	12/9/2022
8880	Aroclor-1016 (PCB-1016)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8885	Aroclor-1221 (PCB-1221)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8890	Aroclor-1232 (PCB-1232)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8895	Aroclor-1242 (PCB-1242)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8900	Aroclor-1248 (PCB-1248)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8905	Aroclor-1254 (PCB-1254)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8910	Aroclor-1260 (PCB-1260)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8912	Aroclor-1262 (PCB-1262)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8913	Aroclor-1268 (PCB-1268)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
1010	Arsenic	EPA 6010D	10155950	Metals	12/9/2022
1010	Arsenic	EPA 6020B	10156420	Metals	12/9/2022
7065	Atrazine	EPA 8270E	10242543	Extractable Organics	12/9/2022
1015	Barium	EPA 6010D	10155950	Metals	12/9/2022
1015	Barium	EPA 6020B	10156420	Metals	12/9/2022
5570	Benzaldehyde	EPA 8270E	10242543	Extractable Organics	12/9/2022
4375	Benzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5595	Benzidine	EPA 8270E	10242543	Extractable Organics	12/9/2022
5575	Benzo(a)anthracene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5580	Benzo(a)pyrene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5585	Benzo(b)fluoranthene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5590	Benzo(g,h,i)perylene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5600	Benzo(k)fluoranthene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5610	Benzoic acid	EPA 8270E	10242543	Extractable Organics	12/9/2022
5630	Benzyl alcohol	EPA 8270E	10242543	Extractable Organics	12/9/2022
1020	Beryllium	EPA 6010D	10155950	Metals	12/9/2022
1020	Beryllium	EPA 6020B	10156420	Metals	12/9/2022
7115	beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
6703	Biphenyl (1,1-Biphenyl, BZ 0)	EPA 8270E	10242543	Extractable Organics	12/9/2022
5760	bis(2-Chloroethoxy)methane	EPA 8270E	10242543	Extractable Organics	12/9/2022
5765	bis(2-Chloroethyl) ether	EPA 8270E	10242543	Extractable Organics	12/9/2022
1540	Bromide	EPA 9056A	10199607	General Chemistry	12/9/2022
4385	Bromobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4390	Bromochloromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4395	Bromodichloromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4400	Bromoform	EPA 8260D	10307127	Volatile Organics	12/9/2022
5670	Butyl benzyl phthalate	EPA 8270E	10242543	Extractable Organics	12/9/2022
1030	Cadmium	EPA 6010D	10155950	Metals	12/9/2022

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1030	Cadmium	EPA 6020B	10156420	Metals	12/9/2022
1035	Calcium	EPA 6010D	10155950	Metals	12/9/2022
1035	Calcium	EPA 6020B	10156420	Metals	12/9/2022
7180	Caprolactam	EPA 8270E	10242543	Extractable Organics	12/9/2022
5680	Carbazole	EPA 8270E	10242543	Extractable Organics	12/9/2022
4450	Carbon disulfide	EPA 8260D	10307127	Volatile Organics	12/9/2022
4455	Carbon tetrachloride	EPA 8260D	10307127	Volatile Organics	12/9/2022
7250	Chlordane (tech.)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
1575	Chloride	EPA 9056A	10199607	General Chemistry	12/9/2022
4475	Chlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
7260	Chlorobenzilate	EPA 8270E	10242543	Extractable Organics	12/9/2022
4485	Chloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4505	Chloroform	EPA 8260D	10307127	Volatile Organics	12/9/2022
4525	Chloroprene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1040	Chromium	EPA 6010D	10155950	Metals	12/9/2022
1040	Chromium	EPA 6020B	10156420	Metals	12/9/2022
1045	Chromium VI	EPA 7196A	10162400	Metals	12/9/2022
5855	Chrysene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4645	cis-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4680	cis-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1050	Cobalt	EPA 6010D	10155950	Metals	12/9/2022
1050	Cobalt	EPA 6020B	10156420	Metals	12/9/2022
1610	Conductivity	EPA 9050A	10198808	General Chemistry	12/9/2022
1055	Copper	EPA 6010D	10155950	Metals	12/9/2022
1055	Copper	EPA 6020B	10156420	Metals	12/9/2022
4555	Cyclohexane	EPA 8260D	10307127	Volatile Organics	12/9/2022
8555	Dalapon	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
7105	delta-BHC	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
6065	Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270E	10242543	Extractable Organics	12/9/2022
7405	Diallate	EPA 8270E	10242543	Extractable Organics	12/9/2022
5895	Dibenz(a,h)anthracene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5905	Dibenzofuran	EPA 8270E	10242543	Extractable Organics	12/9/2022
4575	Dibromochloromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4595	Dibromomethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
8595	Dicamba	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
4625	Dichlorodifluoromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022

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E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8605	Dichloroprop (Dichlorprop)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
7470	Dieldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
9369	Diesel range organics (DRO)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4725	Diethyl ether	EPA 8015C	10173816	Volatile Organics	12/9/2022
6070	Diethyl phthalate	EPA 8270E	10242543	Extractable Organics	12/9/2022
7475	Dimethoate	EPA 8270E	10242543	Extractable Organics	12/9/2022
6135	Dimethyl phthalate	EPA 8270E	10242543	Extractable Organics	12/9/2022
5925	Di-n-butyl phthalate	EPA 8270E	10242543	Extractable Organics	12/9/2022
6200	Di-n-octyl phthalate	EPA 8270E	10242543	Extractable Organics	12/9/2022
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
6205	Diphenylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
8625	Disulfoton	EPA 8270E	10242543	Extractable Organics	12/9/2022
7510	Endosulfan I	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7515	Endosulfan II	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7520	Endosulfan sulfate	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7540	Endrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7530	Endrin aldehyde	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7535	Endrin ketone	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
4750	Ethanol	EPA 8015C	10173816	Volatile Organics	12/9/2022
4755	Ethyl acetate	EPA 8015C	10173816	Volatile Organics	10/6/2024
4810	Ethyl methacrylate	EPA 8260D	10307127	Volatile Organics	12/9/2022
6260	Ethyl methanesulfonate	EPA 8270E	10242543	Extractable Organics	12/9/2022
4765	Ethylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4785	Ethylene glycol	EPA 8015C	10173816	Volatile Organics	12/9/2022
7580	Famphur	EPA 8270E	10242543	Extractable Organics	12/9/2022
6265	Fluoranthene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6270	Fluorene	EPA 8270E	10242543	Extractable Organics	12/9/2022
1730	Fluoride	EPA 9056A	10199607	General Chemistry	12/9/2022
4815	Formaldehyde	EPA 8315A	10188008	Extractable Organics	12/9/2022
7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7245	gamma-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
9408	Gasoline range organics (GRO)	EPA 8015C	10173816	Volatile Organics	12/9/2022
7685	Heptachlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7690	Heptachlor epoxide	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
6275	Hexachlorobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4835	Hexachlorobutadiene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4835	Hexachlorobutadiene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6285	Hexachlorocyclopentadiene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4840	Hexachloroethane	EPA 8270E	10242543	Extractable Organics	12/9/2022
6290	Hexachlorophene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6295	Hexachloropropene	EPA 8270E	10242543	Extractable Organics	12/9/2022
1780	Ignitability	EPA 1010B	10234830	General Chemistry	12/9/2022
1780	Ignitability	EPA 1030	10117201	General Chemistry	5/19/2015
6315	Indeno(1,2,3-cd)pyrene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4870	Iodomethane (Methyl iodide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
1070	Iron	EPA 6010D	10155950	Metals	12/9/2022
1070	Iron	EPA 6020B	10156420	Metals	12/9/2022
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260D	10307127	Volatile Organics	12/9/2022
7725	Isodrin	EPA 8270E	10242543	Extractable Organics	12/9/2022
6320	Isophorone	EPA 8270E	10242543	Extractable Organics	12/9/2022
4895	Isopropyl alcohol (2-Propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4900	Isopropylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
6325	Isosafrole	EPA 8270E	10242543	Extractable Organics	12/9/2022
7740	Kepone	EPA 8270E	10242543	Extractable Organics	12/9/2022
1795	Kjeldahl nitrogen - total	EPA 351.2	10065404	General Chemistry	5/25/2011
1075	Lead	EPA 6010D	10155950	Metals	12/9/2022
1075	Lead	EPA 6020B	10156420	Metals	12/9/2022
1080	Lithium	EPA 6010D	10155950	Metals	10/6/2024
5240	m+p-Xylenes	EPA 8260D	10307127	Volatile Organics	12/9/2022
1085	Magnesium	EPA 6010D	10155950	Metals	12/9/2022
1085	Magnesium	EPA 6020B	10156420	Metals	12/9/2022
1090	Manganese	EPA 6010D	10155950	Metals	12/9/2022
1090	Manganese	EPA 6020B	10156420	Metals	12/9/2022
7775	MCPA	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
7780	MCPP	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
1095	Mercury	EPA 7471B	10166457	Metals	12/9/2022
1095	Mercury	EPA 7473	10166800	Metals	9/27/2017
4925	Methacrylonitrile	EPA 8260D	10307127	Volatile Organics	12/9/2022
4930	Methanol	EPA 8015C	10173816	Volatile Organics	12/9/2022
6345	Methapyrilene	EPA 8270E	10242543	Extractable Organics	12/9/2022

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E87582
Eurofins Atlanta
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Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
7810	Methoxychlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
4940	Methyl acetate	EPA 8260D	10307127	Volatile Organics	12/9/2022
4950	Methyl bromide (Bromomethane)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4960	Methyl chloride (Chloromethane)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4990	Methyl methacrylate	EPA 8260D	10307127	Volatile Organics	12/9/2022
6375	Methyl methanesulfonate	EPA 8270E	10242543	Extractable Organics	12/9/2022
7825	Methyl parathion (Parathion, methyl)	EPA 8270E	10242543	Extractable Organics	12/9/2022
5000	Methyl tert-butyl ether (MTBE)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4965	Methylcyclohexane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4975	Methylene chloride	EPA 8260D	10307127	Volatile Organics	12/9/2022
1100	Molybdenum	EPA 6010D	10155950	Metals	12/9/2022
1100	Molybdenum	EPA 6020B	10156420	Metals	12/9/2022
5005	Naphthalene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5005	Naphthalene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4425	n-Butyl alcohol	EPA 8015C	10173816	Volatile Organics	12/9/2022
4435	n-Butylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1105	Nickel	EPA 6010D	10155950	Metals	12/9/2022
1105	Nickel	EPA 6020B	10156420	Metals	12/9/2022
1805	Nitrate	EPA 9056A	10199607	General Chemistry	12/9/2022
1835	Nitrite	EPA 9056A	10199607	General Chemistry	12/9/2022
5015	Nitrobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6525	n-Nitrosodiethylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6530	n-Nitrosodimethylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
5025	n-Nitroso-di-n-butylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6545	n-Nitrosodi-n-propylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6535	n-Nitrosodiphenylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6550	n-Nitrosomethylethylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6555	n-Nitrosomorpholine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6560	n-Nitrosopiperidine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6565	n-Nitrosopyrrolidine	EPA 8270E	10242543	Extractable Organics	12/9/2022
5055	n-Propanol (1-Propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022
5090	n-Propylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
8290	o,o,o-Triethyl phosphorothioate	EPA 8270E	10242543	Extractable Organics	12/9/2022
1860	Oil & Grease	EPA 9071B	10201806	General Chemistry	12/9/2022
1870	Orthophosphate as P	EPA 9056A	10199607	General Chemistry	12/9/2022
5145	o-Toluidine	EPA 8270E	10242543	Extractable Organics	12/9/2022

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E87582
Eurofins Atlanta
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Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5250	o-Xylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1434	Paint Filter Liquids	EPA 9095B	10245600	General Chemistry	12/9/2022
7955	Parathion, ethyl	EPA 8270E	10242543	Extractable Organics	12/9/2022
6590	Pentachlorobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5035	Pentachloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6600	Pentachloronitrobenzene (Quintozene)	EPA 8270E	10242543	Extractable Organics	12/9/2022
6605	Pentachlorophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
1900	pH	EPA 9040C	10244403	General Chemistry	12/9/2022
1900	pH	EPA 9045D	10198455	General Chemistry	12/9/2022
6610	Phenacetin	EPA 8270E	10242543	Extractable Organics	12/9/2022
6615	Phenanthrene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6625	Phenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
7985	Phorate	EPA 8270E	10242543	Extractable Organics	12/9/2022
1910	Phosphorus, total	EPA 365.1	10070005	General Chemistry	5/25/2011
1910	Phosphorus, total	EPA 6010D	10155950	Metals	12/9/2022
4910	p-Isopropyltoluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1125	Potassium	EPA 6010D	10155950	Metals	12/9/2022
1125	Potassium	EPA 6020B	10156420	Metals	12/9/2022
6650	Pronamide (Kerb)	EPA 8270E	10242543	Extractable Organics	12/9/2022
5080	Propionitrile (Ethyl cyanide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
6665	Pyrene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5095	Pyridine	EPA 8270E	10242543	Extractable Organics	12/9/2022
1923	Reactive Cyanide	s.7.3 SW-846	10245702	General Chemistry	11/26/2001
1925	Reactive sulfide	s.7.3 SW-846	10245702	General Chemistry	11/26/2001
6685	Safrole	EPA 8270E	10242543	Extractable Organics	12/9/2022
4440	sec-Butylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1140	Selenium	EPA 6010D	10155950	Metals	12/9/2022
1140	Selenium	EPA 6020B	10156420	Metals	12/9/2022
1150	Silver	EPA 6010D	10155950	Metals	12/9/2022
1150	Silver	EPA 6020B	10156420	Metals	12/9/2022
8650	Silvex (2,4,5-TP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
1155	Sodium	EPA 6010D	10155950	Metals	12/9/2022
1155	Sodium	EPA 6020B	10156420	Metals	12/9/2022
5100	Styrene	EPA 8260D	10307127	Volatile Organics	12/9/2022
2000	Sulfate	EPA 9056A	10199607	General Chemistry	12/9/2022
2005	Sulfide	EPA 9034	10196006	General Chemistry	2/14/2025

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Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8155	Sulfotepp	EPA 8270E	10242543	Extractable Organics	12/9/2022
1460	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	10119003	General Chemistry	11/26/2001
4420	tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4445	tert-Butylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5115	Tetrachloroethylene (Perchloroethylene)	EPA 8260D	10307127	Volatile Organics	12/9/2022
1165	Thallium	EPA 6010D	10155950	Metals	12/9/2022
1165	Thallium	EPA 6020B	10156420	Metals	12/9/2022
8235	Thionazin (Zinophos)	EPA 8270E	10242543	Extractable Organics	12/9/2022
1175	Tin	EPA 6010D	10155950	Metals	12/9/2022
1175	Tin	EPA 6020B	10156420	Metals	12/9/2022
1180	Titanium	EPA 6010D	10155950	Metals	12/9/2022
1180	Titanium	EPA 6020B	10156420	Metals	12/9/2022
5140	Toluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1645	Total cyanide	EPA 9014	10193803	General Chemistry	12/9/2022
1825	Total nitrate-nitrite	EPA 9056A	10199607	General Chemistry	12/9/2022
2040	Total organic carbon	EPA 9060A	10244823	General Chemistry	12/9/2022
2050	Total Petroleum Hydrocarbons (TPH)	FL-PRO	90015808	Extractable Organics	11/26/2001
1905	Total phenolics	EPA 9065	10200405	General Chemistry	11/26/2001
8250	Toxaphene (Chlorinated camphene)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
1466	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	General Chemistry	11/26/2001
4700	trans-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4685	trans-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4605	trans-1,4-Dichloro-2-butene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5170	Trichloroethene (Trichloroethylene)	EPA 8260D	10307127	Volatile Organics	12/9/2022
5175	Trichlorofluoromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
1185	Vanadium	EPA 6010D	10155950	Metals	12/9/2022
1185	Vanadium	EPA 6020B	10156420	Metals	12/9/2022
5225	Vinyl acetate	EPA 8260D	10307127	Volatile Organics	12/9/2022
5235	Vinyl chloride	EPA 8260D	10307127	Volatile Organics	12/9/2022
5260	Xylene (total)	EPA 8260D	10307127	Volatile Organics	12/9/2022
1190	Zinc	EPA 6010D	10155950	Metals	12/9/2022
1190	Zinc	EPA 6020B	10156420	Metals	12/9/2022





Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Air and Emissions**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5160	1,1,1-Trichloroethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5160	1,1,1-Trichloroethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
5110	1,1,2,2-Tetrachloroethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5110	1,1,2,2-Tetrachloroethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5165	1,1,2-Trichloroethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5165	1,1,2-Trichloroethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4630	1,1-Dichloroethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4630	1,1-Dichloroethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4640	1,1-Dichloroethylene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4640	1,1-Dichloroethylene	EPA TO-15	10248803	Volatile Organics	5/19/2015
5155	1,2,4-Trichlorobenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5155	1,2,4-Trichlorobenzene	EPA TO-15	10248803	Volatile Organics	5/19/2015
5210	1,2,4-Trimethylbenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA TO-15	10248803	Volatile Organics	5/19/2015
4695	1,2-Dichloro-1,1,2,2-tetrafluoroethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4610	1,2-Dichlorobenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4610	1,2-Dichlorobenzene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4635	1,2-Dichloroethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4635	1,2-Dichloroethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4655	1,2-Dichloropropane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4655	1,2-Dichloropropane	EPA TO-15	10248803	Volatile Organics	5/19/2015
5215	1,3,5-Trimethylbenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
9318	1,3-Butadiene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4615	1,3-Dichlorobenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4615	1,3-Dichlorobenzene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4620	1,4-Dichlorobenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4620	1,4-Dichlorobenzene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA TO-15	10248803	Volatile Organics	5/19/2015
5220	2,2,4-Trimethylpentane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4410	2-Butanone (Methyl ethyl ketone, MEK)	EPA TO-15	10248803	Volatile Organics	5/19/2015
4535	2-Chlorotoluene	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	11/6/2018
4535	2-Chlorotoluene	EPA TO-15	10248803	Volatile Organics	11/6/2018





Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Air and Emissions**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4860	2-Hexanone	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4860	2-Hexanone	EPA TO-15	10248803	Volatile Organics	5/19/2015
4542	4-Ethyltoluene	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4542	4-Ethyltoluene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4542	4-Ethyltoluene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4995	4-Methyl-2-pentanone (MIBK)	EPA TO-15	10248803	Volatile Organics	5/19/2015
4315	Acetone	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4315	Acetone	EPA TO-15	10248803	Volatile Organics	5/19/2015
4325	Acrolein (Propenal)	EPA TO-15	10248803	Volatile Organics	11/6/2018
4355	Allyl chloride (3-Chloropropene)	EPA TO-15	10248803	Volatile Organics	5/19/2015
4375	Benzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4375	Benzene	EPA TO-15	10248803	Volatile Organics	5/19/2015
5635	Benzyl chloride	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5635	Benzyl chloride	EPA TO-15	10248803	Volatile Organics	5/19/2015
4395	Bromodichloromethane	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4395	Bromodichloromethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4400	Bromoform	EPA TO-15	10248803	Volatile Organics	5/19/2015
4450	Carbon disulfide	EPA TO-15	10248803	Volatile Organics	5/19/2015
4455	Carbon tetrachloride	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4455	Carbon tetrachloride	EPA TO-15	10248803	Volatile Organics	5/19/2015
4475	Chlorobenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4475	Chlorobenzene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4485	Chloroethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4485	Chloroethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4505	Chloroform	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4505	Chloroform	EPA TO-15	10248803	Volatile Organics	5/19/2015
4645	cis-1,2-Dichloroethylene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4645	cis-1,2-Dichloroethylene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4680	cis-1,3-Dichloropropene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4680	cis-1,3-Dichloropropene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4555	Cyclohexane	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4575	Dibromochloromethane	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4575	Dibromochloromethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4575	Dibromochloromethane	EPA TO-15	10248803	Volatile Organics	5/19/2015





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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Air and Emissions**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4625	Dichlorodifluoromethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4625	Dichlorodifluoromethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4750	Ethanol	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	11/6/2018
4755	Ethyl acetate	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4765	Ethylbenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4765	Ethylbenzene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4835	Hexachlorobutadiene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4835	Hexachlorobutadiene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4895	Isopropyl alcohol (2-Propanol)	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4900	Isopropylbenzene	EPA TO-15	10248803	Volatile Organics	11/6/2018
5240	m+p-Xylenes	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5240	m+p-Xylenes	EPA TO-15	10248803	Volatile Organics	5/19/2015
4950	Methyl bromide (Bromomethane)	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4950	Methyl bromide (Bromomethane)	EPA TO-15	10248803	Volatile Organics	5/19/2015
4960	Methyl chloride (Chloromethane)	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4960	Methyl chloride (Chloromethane)	EPA TO-15	10248803	Volatile Organics	5/19/2015
5000	Methyl tert-butyl ether (MTBE)	EPA TO-15	10248803	Volatile Organics	5/19/2015
4975	Methylene chloride	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4975	Methylene chloride	EPA TO-15	10248803	Volatile Organics	5/19/2015
5005	Naphthalene	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	11/6/2018
5007	n-Butane	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	11/6/2018
4825	n-Heptane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4855	n-Hexane	EPA TO-15	10248803	Volatile Organics	5/19/2015
5026	Nonane	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	11/6/2018
5028	n-Pentane	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	11/6/2018
5090	n-Propylbenzene	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	11/6/2018
5250	o-Xylene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5250	o-Xylene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4836	Propylene (Propene)	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
5100	Styrene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5100	Styrene	EPA TO-15	10248803	Volatile Organics	5/19/2015
5115	Tetrachloroethylene (Perchloroethylene)	EPA TO-14A	10312002	Volatile Organics	5/19/2015

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Air and Emissions**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5115	Tetrachloroethylene (Perchloroethylene)	EPA TO-15	10248803	Volatile Organics	5/19/2015
5120	Tetrahydrofuran (THF)	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
5120	Tetrahydrofuran (THF)	EPA TO-15	10248803	Volatile Organics	5/19/2015
5140	Toluene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5140	Toluene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4700	trans-1,2-Dichloroethylene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4685	trans-1,3-Dichloropropene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4685	trans-1,3-Dichloropropene	EPA TO-15	10248803	Volatile Organics	5/19/2015
5170	Trichloroethene (Trichloroethylene)	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5170	Trichloroethene (Trichloroethylene)	EPA TO-15	10248803	Volatile Organics	5/19/2015
5175	Trichlorofluoromethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5225	Vinyl acetate	EPA TO-15	10248803	Volatile Organics	5/19/2015
5230	Vinyl bromide	EPA TO-15	10248803	Volatile Organics	5/19/2015
5235	Vinyl chloride	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5235	Vinyl chloride	EPA TO-15	10248803	Volatile Organics	5/19/2015
5260	Xylene (total)	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5260	Xylene (total)	EPA TO-15	10248803	Volatile Organics	5/19/2015

APPENDIX C

Well Condition Assessment Forms and Well Maintenance and Repair Documentation Memorandum

APPENDIX C

Well Condition Assessment Forms
February 2025

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
SGWA-1	Yes	Yes	No	Yes
SGWA-2	Yes	Yes	No	Yes
SGWA-3	Yes	Yes	No	Yes
SGWA-4	Yes	Yes	No	Yes
SGWA-5	Yes	Yes	No	Yes
SGWC-6	Yes	Yes	No	Yes
SGWC-7	Yes	Yes	No	Yes
SGWC-8	Yes	Yes	No	Yes
SGWC-9	Yes	Yes	No	Yes
SGWC-10	Yes	Yes	No	Yes
SGWC-11	Yes	Yes	No	Yes
SGWC-12	Yes	Yes	No	Yes
SGWC-13	Yes	Yes	No	Yes
SGWC-14	Yes	Yes	No	Yes
SGWC-15	Yes	Yes	No	Yes
SGWC-16	Yes	Yes	No	Yes
SGWC-17	Yes	Yes	No	Yes
SGWC-18	Yes	Yes	No	Yes
SGWC-19	Yes	Yes	No	Yes
SGWC-20	Yes	Yes	No	Yes
SGWC-21	Yes	Yes	No	Yes
SGWC-22	Yes	Yes	No	Yes
SGWC-23	Yes	Yes	No	Yes
SGWA-24	Yes	Yes	No	Yes
SGWA-25	No	Yes	No	Yes
PZ-13S	Yes	Yes	No	Yes
PZ-14S	Yes	Yes	No	Yes
PZ-17I	Yes	Yes	No	Yes
PZ-39S	Yes	Yes	No	Yes
PZ-40I	Yes	Yes	No	Yes
PZ-41S	Yes	Yes	No	Yes
PZ-42I	Yes	Yes	No	Yes
PZ-43S	Yes	Yes	No	Yes
PZ-44I	Yes	Yes	No	Yes
PZ-69I	Yes	Yes	No	Yes
PZ-2I	Yes	Yes	No	Yes
PZ-3S	Yes	Yes	No	Yes
PZ-5I	Yes	Yes	No	Yes
PZ-9I	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
PZ-10S	Yes	Yes	No	Yes
PZ-11S	Yes	Yes	No	Yes
PZ-12S	Yes	Yes	No	Yes
PZ-14I	Yes	Yes	No	Yes
PZ-15S	Yes	Yes	No	Yes
PZ-19I	Yes	Yes	No	Yes
PZ-19S	Yes	Yes	No	Yes
PZ-20I	Yes	Yes	No	Yes
PZ-21S	Yes	Yes	No	Yes
PZ-25S	Yes	Yes	No	Yes
PZ-25I	Yes	Yes	No	Yes
PZ-26S	Yes	Yes	No	Yes
PZ-27D	Yes	Yes	No	Yes
PZ-27S	Yes	Yes	No	Yes
PZ-28I	Yes	Yes	No	Yes
PZ-29S	Yes	Yes	No	Yes
PZ-30I	Yes	Yes	No	Yes
PZ-31I	Yes	Yes	No	Yes
PZ-32D	Yes	Yes	No	Yes
PZ-32S	Yes	Yes	No	Yes
PZ-33I	Yes	Yes	No	Yes
PZ-34S	Yes	Yes	No	Yes
PZ-35I	Yes	Yes	No	Yes
PZ-36I	Yes	Yes	No	Yes
PZ-36S	Yes	Yes	No	Yes
PZ-37I	Yes	Yes	No	Yes
PZ-38I	Yes	Yes	No	Yes
PZ-45D	No	Yes	No	Yes
PZ-46D	Yes	Yes	No	Yes
PZ-47D	No	Yes	No	Yes
PZ-48S	Yes	Yes	No	Yes
PZ-49D	Yes	No	No	Yes
PZ-49S	Yes	Yes	No	Yes
PZ-50D	NA	NA	NA	NA
PZ-51D	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
PZ-52	Yes	Yes	No	Yes
PZ-53	Yes	Yes	No	Yes
PZ-54	Yes	Yes	No	Yes
PZ-55	Yes	Yes	No	Yes
PZ-56	No	Yes	No	Yes
PZ-57	Yes	Yes	No	Yes
PZ-58	Yes	Yes	No	Yes
PZ-59S	No	Yes	No	Yes
PZ-59D	No	Yes	No	Yes
PZ-60S	No	Yes	No	Yes
PZ-60D	No	Yes	No	Yes
PZ-61	Yes	Yes	No	Yes
PZ-62	Yes	Yes	No	Yes
PZ-63	Yes	Yes	No	Yes
PZ-64	Yes	Yes	No	Yes
PZ-65	No	Yes	No	Yes
PZ-66D	Yes	Yes	No	Yes
PZ-66	Yes	Yes	No	Yes
PZ-67D	Yes	Yes	No	Yes
PZ-67	Yes	Yes	No	Yes
PZ-68	No	Yes	No	Yes
LPZ-01	Yes	Yes	No	Yes
LPZ-02	Yes	Yes	No	Yes
LPZ-03	Yes	Yes	No	Yes
LPZ-04	Yes	Yes	No	Yes
LPZ-05	Yes	Yes	No	Yes
GWC-30	Yes	Yes	No	Yes
GWC-31	Yes	Yes	No	Yes
GWC-32	Yes	Yes	No	Yes
GWC-33A	Yes	Yes	No	Yes
GWC-34	Yes	Yes	No	Yes
GWC-35	No	Yes	No	Yes
GWC-36	Yes	Yes	No	Yes
GWC-37	Yes	Yes	No	Yes
GWC-38	Yes	Yes	No	Yes
GWA-39	Yes	Yes	No	Yes
GWA-40	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWA-41	Yes	Yes	No	Yes
GWA-42	No	Yes	No	Yes
GWA-43	Yes	Yes	No	Yes
GWA-44	Yes	Yes	No	Yes
GWA-44A	No	No	No	No
GWA-54	Yes	Yes	No	Yes
GWC-1	Yes	Yes	No	mar
GWC-2	Yes	Yes	No	Yes
GWC-3	Yes	Yes	No	Yes
GWC-4	Yes	Yes	No	Yes
GWC-5	Yes	Yes	No	Yes
GWC-6	Yes	Yes	No	Yes
GWC-7	Yes	Yes	No	Yes
GWC-8	Yes	Yes	No	Yes
GWC-8A	Yes	Yes	No	Yes
GWC-9	Yes	Yes	No	Yes
GWC-10	Yes	Yes	No	Yes
GWC-11	Yes	Yes	No	Yes
GWC-12	Yes	Yes	No	Yes
GWC-13	Yes	Yes	No	Yes
GWC-14	Yes	Yes	No	Yes
GWA-15	Yes	Yes	No	Yes
GWA-16	Yes	Yes	No	Yes
GWA-17	Yes	Yes	No	Yes
GWC-18	Yes	Yes	No	Yes
GWC-19	Yes	Yes	No	Yes
GWC-20	Yes	Yes	No	Yes
GWA-21	Yes	Yes	No	Yes
GWA-22	Yes	Yes	No	Yes
GWC-29	Yes	Yes	No	Yes
GWA-45	Yes	Yes	No	Yes
GWA-46	Yes	Yes	No	Yes
GWA-47	Yes	Yes	No	Yes
GWA-48	Yes	Yes	No	Yes
GWA-49	Yes	Yes	No	Yes
GWC-50	Yes	Yes	No	Yes
GWC-51	Yes	Yes	No	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWC-52	Yes	Yes	No	Yes
GWC-53	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
SGWA-1	Yes	Yes	Yes	Yes	Yes
SGWA-2	Yes	Yes	Yes	Yes	Yes
SGWA-3	Yes	Yes	Yes	Yes	Yes
SGWA-4	Yes	Yes	Yes	Yes	Yes
SGWA-5	Yes	Yes	Yes	Yes	Yes
SGWC-6	Yes	Yes	Yes	Yes	Yes
SGWC-7	Yes	Yes	Yes	No	Yes
SGWC-8	Yes	Yes	Yes	Yes	Yes
SGWC-9	Yes	Yes	Yes	Yes	Yes
SGWC-10	Yes	Yes	Yes	Yes	Yes
SGWC-11	Yes	Yes	Yes	Yes	Yes
SGWC-12	Yes	Yes	Yes	Yes	Yes
SGWC-13	Yes	Yes	Yes	No	Yes
SGWC-14	Yes	Yes	Yes	Yes	Yes
SGWC-15	Yes	Yes	Yes	Yes	Yes
SGWC-16	Yes	Yes	Yes	Yes	Yes
SGWC-17	Yes	Yes	Yes	Yes	Yes
SGWC-18	Yes	Yes	Yes	Yes	Yes
SGWC-19	Yes	Yes	Yes	Yes	Yes
SGWC-20	Yes	Yes	Yes	Yes	Yes
SGWC-21	Yes	Yes	Yes	Yes	Yes
SGWC-22	Yes	Yes	Yes	Yes	Yes
SGWC-23	Yes	Yes	Yes	Yes	Yes
SGWA-24	Yes	Yes	Yes	Yes	Yes
SGWA-25	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes
PZ-14S	Yes	Yes	Yes	Yes	Yes
PZ-17I	Yes	Yes	Yes	Yes	Yes
PZ-39S	Yes	Yes	Yes	Yes	Yes
PZ-40I	Yes	Yes	Yes	Yes	Yes
PZ-41S	Yes	Yes	Yes	Yes	Yes
PZ-42I	Yes	Yes	Yes	Yes	Yes
PZ-43S	Yes	Yes	Yes	Yes	Yes
PZ-44I	Yes	Yes	Yes	Yes	Yes
PZ-69I	Yes	Yes	Yes	Yes	Yes
PZ-2I	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes
PZ-5I	Yes	Yes	Yes	Yes	Yes
PZ-9I	No	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
PZ-10S	Yes	Yes	Yes	Yes	Yes
PZ-11S	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes
PZ-14I	Yes	Yes	Yes	Yes	Yes
PZ-15S	Yes	Yes	Yes	Yes	Yes
PZ-19I	Yes	Yes	Yes	Yes	Yes
PZ-19S	Yes	Yes	Yes	Yes	Yes
PZ-20I	Yes	Yes	Yes	Yes	Yes
PZ-21S	Yes	Yes	Yes	Yes	Yes
PZ-25S	Yes	Yes	Yes	Yes	Yes
PZ-25I	Yes	Yes	Yes	Yes	Yes
PZ-26S	Yes	Yes	Yes	Yes	Yes
PZ-27D	Yes	Yes	Yes	Yes	Yes
PZ-27S	Yes	Yes	Yes	Yes	Yes
PZ-28I	Yes	Yes	Yes	Yes	Yes
PZ-29S	Yes	Yes	Yes	Yes	Yes
PZ-30I	Yes	Yes	Yes	Yes	Yes
PZ-31I	Yes	Yes	Yes	Yes	Yes
PZ-32D	Yes	Yes	Yes	Yes	Yes
PZ-32S	Yes	Yes	Yes	Yes	Yes
PZ-33I	Yes	Yes	Yes	Yes	Yes
PZ-34S	Yes	Yes	Yes	Yes	Yes
PZ-35I	Yes	Yes	Yes	Yes	Yes
PZ-36I	Yes	Yes	Yes	Yes	Yes
PZ-36S	Yes	Yes	Yes	Yes	Yes
PZ-37I	Yes	Yes	Yes	Yes	Yes
PZ-38I	Yes	Yes	Yes	Yes	Yes
PZ-45D	Yes	Yes	Yes	Yes	Yes
PZ-46D	Yes	Yes	Yes	Yes	Yes
PZ-47D	Yes	Yes	Yes	Yes	Yes
PZ-48S	Yes	Yes	Yes	Yes	Yes
PZ-49D	Yes	Yes	Yes	Yes	Yes
PZ-49S	Yes	Yes	Yes	Yes	Yes
PZ-50D	NA	NA	NA	NA	NA
PZ-51D	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
PZ-52	Yes	Yes	Yes	Yes	Yes
PZ-53	Yes	Yes	Yes	Yes	Yes
PZ-54	Yes	Yes	Yes	Yes	Yes
PZ-55	Yes	Yes	Yes	Yes	Yes
PZ-56	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes
PZ-58	Yes	Yes	Yes	Yes	Yes
PZ-59S	Yes	Yes	Yes	No	Yes
PZ-59D	Yes	Yes	Yes	Yes	Yes
PZ-60S	Yes	Yes	Yes	Yes	Yes
PZ-60D	Yes	Yes	Yes	Yes	Yes
PZ-61	Yes	Yes	Yes	Yes	Yes
PZ-62	Yes	Yes	Yes	Yes	Yes
PZ-63	Yes	Yes	Yes	Yes	Yes
PZ-64	Yes	Yes	Yes	Yes	Yes
PZ-65	Yes	Yes	Yes	Yes	Yes
PZ-66D	Yes	Yes	Yes	Yes	Yes
PZ-66	Yes	Yes	Yes	Yes	Yes
PZ-67D	Yes	Yes	Yes	Yes	Yes
PZ-67	Yes	Yes	Yes	Yes	Yes
PZ-68	Yes	Yes	Yes	Yes	Yes
LPZ-01	Yes	Yes	Yes	Yes	Yes
LPZ-02	Yes	Yes	Yes	Yes	Yes
LPZ-03	Yes	Yes	Yes	Yes	Yes
LPZ-04	Yes	Yes	Yes	Yes	Yes
LPZ-05	Yes	Yes	Yes	Yes	Yes
GWC-30	Yes	Yes	Yes	Yes	Yes
GWC-31	Yes	Yes	Yes	Yes	Yes
GWC-32	Yes	Yes	Yes	Yes	Yes
GWC-33A	Yes	Yes	Yes	Yes	Yes
GWC-34	Yes	Yes	Yes	Yes	Yes
GWC-35	Yes	Yes	Yes	Yes	Yes
GWC-36	Yes	Yes	Yes	Yes	Yes
GWC-37	Yes	Yes	Yes	Yes	Yes
GWC-38	Yes	Yes	Yes	Yes	Yes
GWA-39	Yes	Yes	Yes	Yes	Yes
GWA-40	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWA-41	Yes	Yes	Yes	Yes	Yes
GWA-42	Yes	Yes	Yes	Yes	Yes
GWA-43	Yes	Yes	Yes	Yes	Yes
GWA-44	Yes	Yes	Yes	Yes	Yes
GWA-44A	Yes	Yes	Yes	Yes	Yes
GWA-54	Yes	Yes	Yes	Yes	Yes
GWC-1	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes
GWC-3	Yes	Yes	Yes	Yes	Yes
GWC-4	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes
GWC-8	Yes	Yes	Yes	Yes	Yes
GWC-8A	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	No
GWC-14	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes
GWA-17	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes
GWA-21	Yes	Yes	Yes	Yes	Yes
GWA-22	Yes	Yes	Yes	Yes	Yes
GWC-29	Yes	Yes	Yes	Yes	Yes
GWA-45	Yes	Yes	Yes	Yes	Yes
GWA-46	Yes	Yes	Yes	Yes	Yes
GWA-47	Yes	Yes	Yes	Yes	Yes
GWA-48	Yes	Yes	Yes	Yes	Yes
GWA-49	Yes	Yes	Yes	Yes	Yes
GWC-50	Yes	Yes	Yes	Yes	Yes
GWC-51	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWC-52	Yes	Yes	Yes	Yes	Yes
GWC-53	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
SGWA-1	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-2	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-3	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-4	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-5	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-6	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-7	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-8	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-9	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-10	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-11	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-12	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-13	No	Yes	Yes	Yes	Yes	Yes
SGWC-14	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-15	No	Yes	Yes	Yes	Yes	Yes
SGWC-16	No	Yes	Yes	Yes	Yes	Yes
SGWC-17	No	Yes	Yes	Yes	Yes	Yes
SGWC-18	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-19	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-20	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-21	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-22	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-23	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-24	No	Yes	Yes	Yes	Yes	Yes
SGWA-25	Yes	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-14S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-17I	No	Yes	Yes	Yes	Yes	Yes
PZ-39S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-40I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-41S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-42I	Yes	Yes	Yes	No	Yes	Yes
PZ-43S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-44I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-69I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-2I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-5I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-9I	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
PZ-10S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-11S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-14I	Yes	Yes	Yes	No	Yes	Yes
PZ-15S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-20I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-21S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-26S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-28I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-29S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-30I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-31I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-32D	Yes	Yes	Yes	No	Yes	Yes
PZ-32S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-33I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-34S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-35I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-36I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-36S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-37I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-38I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-45D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-46D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-47D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-48S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-49D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-49S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-50D	NA	NA	NA	NA	NA	NA
PZ-51D	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
PZ-52	Yes	Yes	Yes	Yes	Yes	Yes
PZ-53	Yes	Yes	Yes	Yes	Yes	Yes
PZ-54	No	Yes	Yes	Yes	Yes	Yes
PZ-55	Yes	Yes	Yes	Yes	Yes	Yes
PZ-56	Yes	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes	Yes
PZ-58	Yes	Yes	Yes	Yes	Yes	Yes
PZ-59S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-59D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-60S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-60D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-61	Yes	Yes	Yes	Yes	Yes	Yes
PZ-62	Yes	Yes	Yes	Yes	Yes	Yes
PZ-63	Yes	Yes	Yes	Yes	Yes	Yes
PZ-64	Yes	Yes	Yes	Yes	Yes	Yes
PZ-65	Yes	Yes	Yes	Yes	Yes	Yes
PZ-66D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-66	Yes	Yes	Yes	Yes	Yes	Yes
PZ-67D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-67	Yes	Yes	Yes	Yes	Yes	Yes
PZ-68	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-01	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-02	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-03	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-04	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-05	Yes	Yes	Yes	Yes	Yes	Yes
GWC-30	No	Yes	Yes	Yes	Yes	Yes
GWC-31	Yes	Yes	Yes	Yes	Yes	Yes
GWC-32	Yes	Yes	Yes	Yes	Yes	Yes
GWC-33A	No	Yes	No	Yes	Yes	Yes
GWC-34	No	Yes	Yes	Yes	Yes	Yes
GWC-35	Yes	Yes	Yes	Yes	Yes	Yes
GWC-36	No	Yes	No	Yes	Yes	Yes
GWC-37	Yes	Yes	Yes	Yes	Yes	Yes
GWC-38	Yes	Yes	Yes	Yes	Yes	Yes
GWA-39	No	Yes	Yes	Yes	Yes	Yes
GWA-40	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWA-41	Yes	Yes	Yes	Yes	Yes	Yes
GWA-42	Yes	Yes	Yes	Yes	Yes	Yes
GWA-43	Yes	Yes	Yes	Yes	Yes	Yes
GWA-44	Yes	Yes	Yes	Yes	Yes	Yes
GWA-44A	Yes	Yes	Yes	Yes	Yes	Yes
GWA-54	Yes	Yes	Yes	Yes	Yes	Yes
GWC-1	Yes	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes	Yes
GWC-3	Yes	Yes	Yes	Yes	Yes	Yes
GWC-4	Yes	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes	Yes
GWC-8	Yes	Yes	Yes	Yes	Yes	Yes
GWC-8A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes	Yes
GWC-14	Yes	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes	Yes
GWA-17	Yes	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes	Yes
GWA-21	Yes	Yes	Yes	Yes	Yes	Yes
GWA-22	Yes	Yes	Yes	Yes	Yes	Yes
GWC-29	Yes	Yes	Yes	Yes	Yes	Yes
GWA-45	Yes	Yes	Yes	Yes	Yes	Yes
GWA-46	Yes	Yes	Yes	Yes	Yes	Yes
GWA-47	Yes	Yes	Yes	Yes	Yes	Yes
GWA-48	Yes	Yes	Yes	Yes	Yes	Yes
GWA-49	Yes	Yes	Yes	Yes	Yes	Yes
GWC-50	Yes	Yes	Yes	Yes	Yes	Yes
GWC-51	Yes	Yes	Yes	No	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWC-52	Yes	Yes	Yes	Yes	Yes	Yes
GWC-53	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
SGWA-1	
SGWA-2	
SGWA-3	
SGWA-4	
SGWA-5	
SGWC-6	
SGWC-7	
SGWC-8	
SGWC-9	
SGWC-10	
SGWC-11	
SGWC-12	
SGWC-13	
SGWC-14	
SGWC-15	
SGWC-16	
SGWC-17	
SGWC-18	
SGWC-19	
SGWC-20	
SGWC-21	
SGWC-22	
SGWC-23	
SGWA-24	
SGWA-25	Clear overgrowth
PZ-13S	
PZ-14S	
PZ-17I	
PZ-39S	
PZ-40I	
PZ-41S	
PZ-42I	
PZ-43S	
PZ-44I	
PZ-69I	
PZ-2I	
PZ-3S	
PZ-5I	
PZ-9I	

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
PZ-10S	
PZ-11S	
PZ-12S	
PZ-14I	
PZ-15S	
PZ-19I	
PZ-19S	
PZ-20I	
PZ-21S	
PZ-25S	
PZ-25I	
PZ-26S	
PZ-27D	
PZ-27S	
PZ-28I	
PZ-29S	
PZ-30I	
PZ-31I	
PZ-32D	
PZ-32S	
PZ-33I	
PZ-34S	
PZ-35I	
PZ-36I	
PZ-36S	
PZ-37I	
PZ-38I	
PZ-45D	Clear path
PZ-46D	
PZ-47D	Clear path
PZ-48S	
PZ-49D	
PZ-49S	
PZ-50D	Not required - no access
PZ-51D	

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
PZ-52	
PZ-53	
PZ-54	Ant mound on well pad needs removal
PZ-55	
PZ-56	Overgrown- area surrounding well pad needs clearing
PZ-57	
PZ-58	
PZ-59S	Needs overgrowth cleared
PZ-59D	Needs overgrowth cleared
PZ-60S	Needs overgrowth cleared
PZ-60D	Needs overgrowth cleared
PZ-61	
PZ-62	
PZ-63	
PZ-64	
PZ-65	
PZ-66D	
PZ-66	
PZ-67D	
PZ-67	
PZ-68	
LPZ-01	
LPZ-02	
LPZ-03	
LPZ-04	
LPZ-05	
GWC-30	
GWC-31	
GWC-32	
GWC-33A	Erosion on SE corner of pad - needs reinforcement
GWC-34	Ant mound on well pad needs removal
GWC-35	
GWC-36	Erosion on SE corner of pad - needs reinforcement
GWC-37	
GWC-38	
GWA-39	Some cracks in pad, needs completion
GWA-40	

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
GWA-41	
GWA-42	Brush on concrete pad needs clearing
GWA-43	
GWA-44	
GWA-44A	Standing water surrounding 3 sides of well. Needs "A" added to label.
GWA-54	
GWC-1	
GWC-2	
GWC-3	
GWC-4	
GWC-5	
GWC-6	
GWC-7	
GWC-8	
GWC-8A	
GWC-9	
GWC-10	
GWC-11	
GWC-12	
GWC-13	Lock needs to be replaced
GWC-14	
GWA-15	
GWA-16	
GWA-17	
GWC-18	
GWC-19	
GWC-20	
GWA-21	
GWA-22	
GWC-29	
GWA-45	
GWA-46	
GWA-47	
GWA-48	
GWA-49	
GWC-50	
GWC-51	

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
GWC-52	
GWC-53	

APPENDIX C

Well Condition Assessment Forms
July 2025

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
SGWA-1	Yes	Yes	No	Yes
SGWA-2	Yes	Yes	No	Yes
SGWA-3	No	Yes	No	Yes
SGWA-4	Yes	Yes	No	Yes
SGWA-5	Yes	Yes	No	Yes
SGWC-6	Yes	Yes	No	Yes
SGWC-7	Yes	Yes	No	Yes
SGWC-8	Yes	Yes	No	Yes
SGWC-9	Yes	Yes	No	Yes
SGWC-10	Yes	Yes	No	Yes
SGWC-11	Yes	Yes	No	Yes
SGWC-12	Yes	Yes	No	Yes
SGWC-13	Yes	Yes	No	Yes
SGWC-14	Yes	Yes	No	Yes
SGWC-15	Yes	Yes	No	Yes
SGWC-16	Yes	Yes	No	Yes
SGWC-17	Yes	Yes	No	Yes
SGWC-18	Yes	Yes	No	Yes
SGWC-19	Yes	Yes	No	Yes
SGWC-20	Yes	Yes	No	Yes
SGWC-21	Yes	Yes	No	Yes
SGWC-22	Yes	Yes	No	Yes
SGWC-23	Yes	Yes	No	Yes
SGWA-24	Yes	Yes	No	Yes
SGWA-25	Yes	Yes	No	Yes
PZ-13S	Yes	Yes	No	Yes
PZ-14S	Yes	Yes	No	Yes
PZ-17I	Yes	Yes	No	Yes
PZ-39S	No	Yes	No	Yes
PZ-40I	Yes	Yes	No	Yes
PZ-41S	Yes	Yes	No	Yes
PZ-42I	Yes	Yes	No	Yes
PZ-43S	Yes	Yes	No	Yes
PZ-44I	Yes	Yes	No	Yes
PZ-69I	Yes	Yes	No	Yes
PZ-70	Yes	Yes	No	Yes
PZ-71	Yes	Yes	No	Yes
PZ-2I	Yes	Yes	No	Yes
PZ-3S	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
PZ-5I	Yes	Yes	No	Yes
PZ-9I	Yes	Yes	No	Yes
PZ-10S	Yes	Yes	No	Yes
PZ-11S	Yes	Yes	No	Yes
PZ-12S	Yes	Yes	No	Yes
PZ-14I	Yes	Yes	No	Yes
PZ-15S	Yes	Yes	No	Yes
PZ-19I	Yes	Yes	No	Yes
PZ-19S	Yes	Yes	No	Yes
PZ-20I	Yes	Yes	No	Yes
PZ-21S	Yes	Yes	No	Yes
PZ-25S	Yes	Yes	No	Yes
PZ-25I	Yes	Yes	No	Yes
PZ-26S	Yes	Yes	No	Yes
PZ-27D	Yes	Yes	No	Yes
PZ-27S	Yes	Yes	No	Yes
PZ-28I	Yes	Yes	No	Yes
PZ-29S	Yes	Yes	No	Yes
PZ-30I	Yes	Yes	No	Yes
PZ-31I	Yes	Yes	No	Yes
PZ-32D	No	Yes	No	Yes
PZ-32S	No	Yes	No	Yes
PZ-33I	Yes	Yes	No	Yes
PZ-34S	Yes	Yes	No	Yes
PZ-35I	Yes	Yes	No	Yes
PZ-36I	Yes	Yes	No	Yes
PZ-36S	Yes	Yes	No	Yes
PZ-37I	Yes	Yes	No	Yes
PZ-38I	Yes	Yes	No	Yes
PZ-45D	Yes	Yes	No	Yes
PZ-46D	No	Yes	No	Yes
PZ-47D	Yes	Yes	No	Yes
PZ-48S	Yes	Yes	No	Yes
PZ-49D	No	Yes	No	Yes
PZ-49S	No	Yes	No	Yes
PZ-50D	Yes	Yes	No	Yes
PZ-51D	Yes	Yes	No	Yes
PZ-52	No	Yes	No	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
PZ-53	No	Yes	No	Yes
PZ-54	No	Yes	No	Yes
PZ-55	No	Yes	No	Yes
PZ-56	No	Yes	No	Yes
PZ-57	No	Yes	No	Yes
PZ-58	No	Yes	No	Yes
PZ-59S	Yes	Yes	No	Yes
PZ-59D	Yes	Yes	No	Yes
PZ-60S	No	Yes	No	Yes
PZ-60D	No	Yes	No	Yes
PZ-61	No	Yes	No	Yes
PZ-62	Yes	Yes	No	Yes
PZ-63	No	Yes	No	Yes
PZ-64	Yes	Yes	No	Yes
PZ-65	No	Yes	No	Yes
PZ-66D	No	Yes	No	Yes
PZ-66	No	Yes	No	Yes
PZ-67D	No	Yes	No	Yes
PZ-67	No	Yes	No	Yes
PZ-68	No	Yes	No	Yes
LPZ-01	Yes	Yes	No	Yes
LPZ-02	Yes	Yes	No	Yes
LPZ-03	No	Yes	No	Yes
LPZ-04	Yes	Yes	No	Yes
LPZ-05	No	Yes	No	Yes
GWC-30	Yes	Yes	No	Yes
GWC-31	Yes	Yes	No	Yes
GWC-32	Yes	Yes	No	Yes
GWC-33A	Yes	Yes	No	Yes
GWC-34	Yes	Yes	No	Yes
GWC-35	Yes	Yes	No	Yes
GWC-36	Yes	Yes	No	Yes
GWC-37	Yes	Yes	No	Yes
GWC-38	Yes	Yes	No	Yes
GWA-39	Yes	Yes	No	Yes
GWA-40	Yes	Yes	No	Yes
GWA-41	Yes	Yes	No	Yes
GWA-42	Yes	Yes	No	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWA-43	Yes	Yes	No	Yes
GWA-44A	Yes	Yes	No	Yes
GWA-54	Yes	Yes	No	Yes
GWC-1	No	Yes	No	Yes
GWC-2	Yes	Yes	No	Yes
GWC-3	Yes	Yes	No	Yes
GWC-4	Yes	Yes	No	Yes
GWC-5	Yes	Yes	No	Yes
GWC-6	Yes	Yes	No	Yes
GWC-7	Yes	Yes	No	Yes
GWC-8A	Yes	Yes	No	Yes
GWC-9	Yes	Yes	No	Yes
GWC-10	Yes	Yes	No	Yes
GWC-11	Yes	Yes	No	Yes
GWC-12	Yes	Yes	No	Yes
GWC-13	Yes	Yes	No	Yes
GWC-14	Yes	Yes	No	Yes
GWA-15	Yes	Yes	No	Yes
GWA-16	Yes	Yes	No	Yes
GWA-17	Yes	Yes	No	Yes
GWC-18	Yes	Yes	No	Yes
GWC-19	Yes	Yes	No	Yes
GWC-20	Yes	Yes	No	Yes
GWA-21	Yes	Yes	No	Yes
GWA-22	Yes	Yes	No	Yes
GWC-29	Yes	Yes	No	Yes
GWA-45	Yes	Yes	No	Yes
GWA-46	Yes	Yes	No	Yes
GWA-47	Yes	Yes	No	Yes
GWA-48	Yes	Yes	No	Yes
GWA-49	Yes	Yes	No	Yes
GWC-50	Yes	Yes	No	Yes
GWC-51	Yes	Yes	No	Yes
GWC-52	Yes	Yes	No	Yes
GWC-53	Yes	Yes	No	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
SGWA-1	Yes	Yes	Yes	Yes	Yes
SGWA-2	Yes	Yes	Yes	Yes	Yes
SGWA-3	Yes	Yes	Yes	Yes	Yes
SGWA-4	Yes	Yes	Yes	Yes	Yes
SGWA-5	No	No	Yes	Yes	No
SGWC-6	Yes	Yes	Yes	Yes	Yes
SGWC-7	Yes	Yes	Yes	Yes	Yes
SGWC-8	Yes	Yes	Yes	Yes	Yes
SGWC-9	Yes	Yes	Yes	Yes	Yes
SGWC-10	Yes	Yes	Yes	Yes	Yes
SGWC-11	Yes	Yes	Yes	Yes	Yes
SGWC-12	Yes	Yes	Yes	Yes	Yes
SGWC-13	Yes	Yes	Yes	Yes	Yes
SGWC-14	Yes	Yes	Yes	Yes	Yes
SGWC-15	Yes	Yes	Yes	Yes	Yes
SGWC-16	Yes	Yes	Yes	Yes	Yes
SGWC-17	Yes	Yes	Yes	Yes	Yes
SGWC-18	Yes	Yes	Yes	Yes	Yes
SGWC-19	Yes	Yes	Yes	Yes	Yes
SGWC-20	Yes	Yes	Yes	Yes	Yes
SGWC-21	Yes	Yes	Yes	Yes	Yes
SGWC-22	Yes	Yes	Yes	Yes	Yes
SGWC-23	Yes	Yes	Yes	Yes	Yes
SGWA-24	Yes	Yes	Yes	Yes	Yes
SGWA-25	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes
PZ-14S	Yes	Yes	Yes	Yes	Yes
PZ-17I	Yes	Yes	Yes	Yes	Yes
PZ-39S	Yes	Yes	Yes	Yes	Yes
PZ-40I	Yes	Yes	Yes	Yes	Yes
PZ-41S	Yes	Yes	Yes	Yes	Yes
PZ-42I	Yes	Yes	Yes	Yes	Yes
PZ-43S	Yes	Yes	Yes	Yes	Yes
PZ-44I	Yes	Yes	Yes	Yes	Yes
PZ-69I	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes
PZ-2I	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
PZ-5I	Yes	Yes	Yes	Yes	Yes
PZ-9I	Yes	Yes	Yes	Yes	Yes
PZ-10S	Yes	Yes	Yes	Yes	Yes
PZ-11S	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes
PZ-14I	Yes	Yes	Yes	Yes	Yes
PZ-15S	Yes	Yes	Yes	Yes	Yes
PZ-19I	Yes	Yes	Yes	Yes	Yes
PZ-19S	Yes	Yes	Yes	Yes	Yes
PZ-20I	Yes	Yes	Yes	Yes	Yes
PZ-21S	Yes	Yes	Yes	Yes	Yes
PZ-25S	Yes	Yes	Yes	Yes	Yes
PZ-25I	Yes	Yes	Yes	Yes	Yes
PZ-26S	Yes	Yes	Yes	Yes	Yes
PZ-27D	Yes	Yes	Yes	Yes	Yes
PZ-27S	Yes	Yes	Yes	Yes	Yes
PZ-28I	Yes	Yes	Yes	Yes	Yes
PZ-29S	Yes	Yes	Yes	Yes	Yes
PZ-30I	Yes	Yes	Yes	Yes	Yes
PZ-31I	Yes	Yes	Yes	Yes	Yes
PZ-32D	Yes	Yes	Yes	Yes	Yes
PZ-32S	Yes	Yes	Yes	Yes	Yes
PZ-33I	Yes	Yes	Yes	Yes	Yes
PZ-34S	Yes	Yes	Yes	Yes	Yes
PZ-35I	Yes	Yes	Yes	Yes	Yes
PZ-36I	Yes	Yes	Yes	Yes	Yes
PZ-36S	Yes	Yes	Yes	Yes	Yes
PZ-37I	Yes	Yes	Yes	Yes	Yes
PZ-38I	Yes	Yes	Yes	Yes	Yes
PZ-45D	Yes	Yes	Yes	Yes	Yes
PZ-46D	Yes	Yes	Yes	Yes	Yes
PZ-47D	Yes	Yes	Yes	Yes	Yes
PZ-48S	Yes	Yes	Yes	Yes	Yes
PZ-49D	Yes	Yes	Yes	Yes	Yes
PZ-49S	Yes	Yes	Yes	Yes	Yes
PZ-50D	Yes	Yes	Yes	Yes	Yes
PZ-51D	Yes	Yes	Yes	Yes	Yes
PZ-52	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
PZ-53	Yes	Yes	Yes	Yes	Yes
PZ-54	Yes	Yes	Yes	Yes	Yes
PZ-55	Yes	Yes	Yes	Yes	Yes
PZ-56	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes
PZ-58	Yes	Yes	Yes	Yes	Yes
PZ-59S	Yes	Yes	Yes	Yes	Yes
PZ-59D	Yes	Yes	Yes	Yes	Yes
PZ-60S	Yes	Yes	Yes	Yes	Yes
PZ-60D	Yes	Yes	Yes	Yes	Yes
PZ-61	Yes	Yes	Yes	Yes	Yes
PZ-62	Yes	Yes	Yes	Yes	Yes
PZ-63	Yes	Yes	Yes	Yes	Yes
PZ-64	Yes	Yes	Yes	Yes	Yes
PZ-65	Yes	Yes	Yes	Yes	Yes
PZ-66D	Yes	Yes	Yes	Yes	Yes
PZ-66	Yes	Yes	Yes	Yes	Yes
PZ-67D	Yes	Yes	Yes	Yes	Yes
PZ-67	Yes	Yes	Yes	Yes	Yes
PZ-68	Yes	Yes	Yes	Yes	Yes
LPZ-01	Yes	Yes	Yes	Yes	Yes
LPZ-02	Yes	Yes	Yes	Yes	Yes
LPZ-03	Yes	Yes	Yes	Yes	Yes
LPZ-04	Yes	Yes	Yes	Yes	Yes
LPZ-05	Yes	Yes	Yes	Yes	Yes
GWC-30	Yes	Yes	Yes	Yes	Yes
GWC-31	Yes	Yes	Yes	Yes	Yes
GWC-32	Yes	Yes	Yes	Yes	Yes
GWC-33A	Yes	Yes	Yes	Yes	Yes
GWC-34	Yes	Yes	Yes	Yes	Yes
GWC-35	Yes	Yes	Yes	Yes	Yes
GWC-36	Yes	Yes	Yes	Yes	Yes
GWC-37	Yes	Yes	Yes	Yes	Yes
GWC-38	Yes	Yes	Yes	Yes	Yes
GWA-39	Yes	Yes	Yes	Yes	Yes
GWA-40	Yes	Yes	Yes	Yes	Yes
GWA-41	Yes	Yes	Yes	Yes	Yes
GWA-42	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWA-43	Yes	Yes	Yes	Yes	Yes
GWA-44A	Yes	Yes	Yes	Yes	Yes
GWA-54	Yes	Yes	Yes	Yes	Yes
GWC-1	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes
GWC-3	Yes	Yes	Yes	Yes	Yes
GWC-4	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes
GWC-8A	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes
GWC-14	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes
GWA-17	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes
GWA-21	Yes	Yes	Yes	Yes	Yes
GWA-22	Yes	Yes	Yes	Yes	Yes
GWC-29	Yes	Yes	Yes	Yes	Yes
GWA-45	Yes	Yes	Yes	Yes	Yes
GWA-46	Yes	Yes	Yes	Yes	Yes
GWA-47	Yes	Yes	Yes	Yes	Yes
GWA-48	Yes	Yes	Yes	Yes	Yes
GWA-49	Yes	Yes	Yes	Yes	Yes
GWC-50	Yes	Yes	Yes	Yes	Yes
GWC-51	Yes	Yes	Yes	Yes	Yes
GWC-52	Yes	Yes	Yes	Yes	Yes
GWC-53	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
SGWA-1	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-2	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-3	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-4	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-5	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-6	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-7	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-8	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-9	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-10	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-11	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-12	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-13	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-14	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-15	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-16	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-17	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-18	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-19	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-20	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-21	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-22	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-23	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-24	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-25	Yes	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-14S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-17I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-39S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-40I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-41S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-42I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-43S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-44I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-69I	Yes	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes	Yes
PZ-2I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
PZ-5I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-9I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-10S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-11S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-14I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-15S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-20I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-21S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-26S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-28I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-29S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-30I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-31I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-32D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-32S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-33I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-34S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-35I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-36I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-36S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-37I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-38I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-45D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-46D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-47D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-48S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-49D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-49S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-50D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-51D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-52	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
PZ-53	Yes	Yes	Yes	Yes	Yes	Yes
PZ-54	Yes	Yes	Yes	Yes	Yes	Yes
PZ-55	Yes	Yes	Yes	Yes	Yes	Yes
PZ-56	Yes	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes	Yes
PZ-58	Yes	Yes	Yes	Yes	Yes	Yes
PZ-59S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-59D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-60S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-60D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-61	Yes	Yes	Yes	Yes	Yes	Yes
PZ-62	Yes	Yes	Yes	Yes	Yes	Yes
PZ-63	Yes	Yes	Yes	Yes	Yes	Yes
PZ-64	Yes	Yes	Yes	Yes	Yes	Yes
PZ-65	Yes	Yes	Yes	Yes	Yes	Yes
PZ-66D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-66	Yes	Yes	Yes	Yes	Yes	Yes
PZ-67D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-67	Yes	Yes	Yes	Yes	Yes	Yes
PZ-68	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-01	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-02	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-03	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-04	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-05	Yes	Yes	Yes	Yes	Yes	Yes
GWC-30	Yes	Yes	Yes	Yes	Yes	Yes
GWC-31	Yes	Yes	Yes	Yes	Yes	Yes
GWC-32	Yes	Yes	Yes	Yes	Yes	Yes
GWC-33A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-34	Yes	Yes	Yes	Yes	Yes	Yes
GWC-35	Yes	Yes	Yes	Yes	Yes	Yes
GWC-36	Yes	Yes	Yes	Yes	Yes	Yes
GWC-37	Yes	Yes	Yes	Yes	Yes	Yes
GWC-38	Yes	Yes	Yes	Yes	Yes	Yes
GWA-39	Yes	Yes	Yes	Yes	Yes	Yes
GWA-40	Yes	Yes	Yes	Yes	Yes	Yes
GWA-41	Yes	Yes	Yes	Yes	Yes	Yes
GWA-42	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWA-43	Yes	Yes	Yes	Yes	Yes	Yes
GWA-44A	Yes	Yes	Yes	Yes	Yes	Yes
GWA-54	Yes	Yes	Yes	Yes	Yes	Yes
GWC-1	Yes	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes	Yes
GWC-3	Yes	Yes	Yes	Yes	Yes	Yes
GWC-4	Yes	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes	Yes
GWC-8A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes	Yes
GWC-14	Yes	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes	Yes
GWA-17	Yes	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes	Yes
GWA-21	Yes	Yes	Yes	Yes	Yes	Yes
GWA-22	Yes	Yes	Yes	Yes	Yes	Yes
GWC-29	Yes	Yes	Yes	Yes	Yes	Yes
GWA-45	Yes	Yes	Yes	Yes	Yes	Yes
GWA-46	Yes	Yes	Yes	Yes	Yes	Yes
GWA-47	Yes	Yes	Yes	Yes	Yes	Yes
GWA-48	Yes	Yes	Yes	Yes	Yes	Yes
GWA-49	Yes	Yes	Yes	Yes	Yes	Yes
GWC-50	Yes	Yes	Yes	Yes	Yes	Yes
GWC-51	Yes	Yes	Yes	No	Yes	Yes
GWC-52	Yes	Yes	Yes	Yes	Yes	Yes
GWC-53	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
SGWA-1	
SGWA-2	
SGWA-3	Overgrown vegetation around pad needs clearing
SGWA-4	
SGWA-5	Hinge of outer protective casing broken and needs replacement- well casing currently cannot close to be secured/locked
SGWC-6	
SGWC-7	
SGWC-8	
SGWC-9	
SGWC-10	
SGWC-11	
SGWC-12	
SGWC-13	
SGWC-14	
SGWC-15	
SGWC-16	
SGWC-17	
SGWC-18	
SGWC-19	
SGWC-20	
SGWC-21	
SGWC-22	
SGWC-23	
SGWA-24	
SGWA-25	
PZ-13S	
PZ-14S	
PZ-17I	
PZ-39S	Overgrown vegetation around pad needs clearing
PZ-40I	
PZ-41S	
PZ-42I	
PZ-43S	
PZ-44I	
PZ-69I	
GWC-12	
GWC-13	
PZ-2I	
PZ-3S	

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
PZ-5I	
PZ-9I	
PZ-10S	
PZ-11S	
PZ-12S	
PZ-14I	
PZ-15S	
PZ-19I	
PZ-19S	
PZ-20I	
PZ-21S	
PZ-25S	
PZ-25I	
PZ-26S	
PZ-27D	
PZ-27S	
PZ-28I	
PZ-29S	
PZ-30I	
PZ-31I	
PZ-32D	Overgrown vegetation around pad needs clearing
PZ-32S	Overgrown vegetation around pad needs clearing
PZ-33I	
PZ-34S	
PZ-35I	
PZ-36I	
PZ-36S	
PZ-37I	
PZ-38I	
PZ-45D	
PZ-46D	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-47D	
PZ-48S	
PZ-49D	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-49S	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-50D	
PZ-51D	
PZ-52	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
PZ-53	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-54	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-55	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-56	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-57	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-58	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-59S	
PZ-59D	
PZ-60S	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-60D	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-61	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-62	
PZ-63	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-64	
PZ-65	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-66D	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-66	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-67D	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-67	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-68	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
LPZ-01	
LPZ-02	
LPZ-03	Overgrown vegetation around pad needs clearing
LPZ-04	
LPZ-05	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
GWC-30	
GWC-31	
GWC-32	
GWC-33A	
GWC-34	
GWC-35	
GWC-36	
GWC-37	
GWC-38	
GWA-39	
GWA-40	
GWA-41	
GWA-42	

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
GWA-43	
GWA-44A	
GWA-54	
GWC-1	Overgrown vegetation around pad needs clearing
GWC-2	
GWC-3	
GWC-4	
GWC-5	
GWC-6	
GWC-7	
GWC-8A	
GWC-9	
GWC-10	
GWC-11	
GWC-12	
GWC-13	
GWC-14	
GWA-15	
GWA-16	
GWA-17	
GWC-18	
GWC-19	
GWC-20	
GWA-21	
GWA-22	
GWC-29	
GWA-45	
GWA-46	
GWA-47	
GWA-48	
GWA-49	
GWC-50	
GWC-51	
GWC-52	
GWC-53	

APPENDIX C

Well Maintenance and Repair Documentation Memorandum April 2025

TECHNICAL MEMORANDUM

DATE August 29, 2025

TO Joju Abraham, PG
Southern Company Services

CC Ben Hodges, Georgia Power Company

FROM WSP USA Inc.

PLANT SCHERER ASH POND 1 – WELL MAINTENANCE AND REPAIR DOCUMENTATION

GEORGIA POWER COMPANY

WSP USA Inc. (WSP) has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at Plant Scherer Ash Pond 1 during the semi-annual reporting period. Repairs and maintenance were completed in accordance with the Georgia Environmental Protection Division (GAEPD) guidance on routine visual inspections of groundwater monitoring wells.

Table 1: Plant Scherer Ash Pond 1 – Well Maintenance Summary

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/Repair Performed
Scherer / AP1	04/2025	SGWA-25	Cleared overgrowth from well pad
Scherer / AP1	04/2025	PZ-45D	Cleared brush in area around well
Scherer / AP1	04/2025	PZ-47D	Cleared brush in area around well
Scherer / AP1	04/2025	PZ-54	Anthill cleared to improve access and visibility
Scherer / AP1	04/2025	PZ-56	Cleared overgrowth from well pad
Scherer / AP1	04/2025	PZ-59S	Cleared overgrowth from well pad
Scherer / AP1	04/2025	PZ-59D	Cleared overgrowth from well pad
Scherer / AP1	04/2025	PZ-60S	Cleared overgrowth from well pad
Scherer / AP1	04/2025	PZ-60D	Cleared overgrowth from well pad

All maintenance and repairs are also documented in the 2025 semi-annual groundwater monitoring report.

WSP
5170 Peachtree Road Building 100 Suite 300, Atlanta, Georgia, USA 30341 T: +1 770 496-1893 F: +1 770 934-9476

WSP USA Inc.



Dawn L. Prell
Technical Principal, Hydrogeologist



Rhonda N. Quinn, PG
Senior Consultant, Geologist

Southern Company CFS
Plant Scherer April 2025 Well O&M (April 10th)

PZ-45D – Area around PZ cleared of brush





PZ-47D – Area around PZ cleared of brush





Southern Company

APPENDIX C

Well Maintenance and Repair Documentation Memorandum September 2025

TECHNICAL MEMORANDUM

DATE January 28, 2026

TO Joju Abraham, PG
Southern Company Services

CC Ben Hodges, Georgia Power Company

FROM WSP USA Inc.

PLANT SCHERER ASH POND 1 – WELL MAINTENANCE AND REPAIR DOCUMENTATION

GEORGIA POWER COMPANY

WSP USA Inc. (WSP) has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at Plant Scherer Ash Pond 1 during the annual reporting period. Repairs and maintenance were completed in accordance with the Georgia Environmental Protection Division (GAEPD) guidance on routine visual inspections of groundwater monitoring wells.

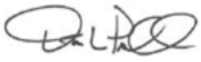
Table 1: Plant Scherer Ash Pond 1 – Well Maintenance Summary

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/Repair Performed
Scherer / AP1	09/2025	SGWA-3	Cleared overgrowth from well pad.
Scherer / AP1	09/2025	SGWA-5	Hinge bent back into place so lid would close.
Scherer / AP1	09/2025	PZ-39S	Cleared overgrowth from well pad.
Scherer / AP1	09/2025	PZ-32D	Cleared overgrowth from well pad.
Scherer / AP1	09/2025	PZ-32S	Cleared overgrowth from well pad.
Scherer / AP1	09/2025	PZ-46D	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-49D	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-49S	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-52	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-53	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-54	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-55	Cleared overgrowth around well to improve access and visibility

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/Repair Performed
Scherer / AP1	09/2025	PZ-56	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-57	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-58	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-60S	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-60D	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-61	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-63	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-65	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-66D	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-66	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-67D	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-67	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	PZ-68	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	LPZ-03	Cleared overgrowth around well to improve access and visibility
Scherer / AP1	09/2025	LPZ-05	Cleared overgrowth around well to improve access and visibility

All maintenance and repairs are also documented in the 2025 annual groundwater monitoring report.

WSP USA Inc.



Dawn L. Prell
Technical Principal, Hydrogeologist



Rhonda N. Quinn,
PG *Senior Geologist*

Southern Company CFS
Plant Scherer Sept. 2025 Well O&M (Sept. 11th)

Scherer AP1:

SGWA-5 – Protective cover lid hinge bent (apparently from something heavy placed on the lid). Hinge bent back into place so lid would close.



Southern Company CFS
Plant Scherer Sept. 2025 Well O&M (Sept. 11th)



Southern Company

APPENDIX D

Annual Water Well Survey

Plant Scherer
10988 GA-87
Juliette, GA 31046

Inquiry Number: 8080015.1s
August 17, 2025

The EDR GeoCheck® Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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GEOCHECK® - PHYSICAL SETTING SOURCE REPORT

TARGET PROPERTY ADDRESS

PLANT SCHERER
10988 GA-87
JULIETTE, GA 31046

TARGET PROPERTY COORDINATES

Latitude (North):	33.079496 - 33° 4' 46.19''
Longitude (West):	83.785644 - 83° 47' 8.32''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	239962.9
UTM Y (Meters):	3663360.2
Elevation:	435 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	33083-A7 EAST JULIETTE, GA
Version Date:	1973

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

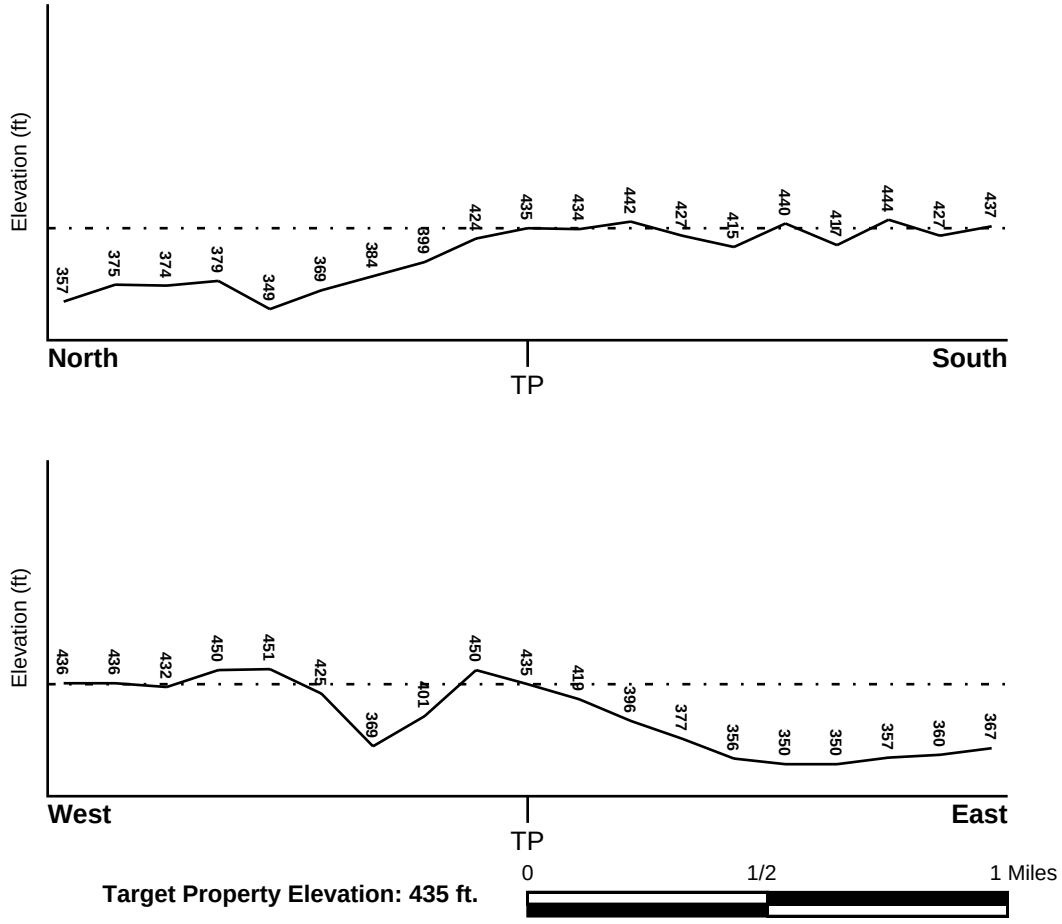
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
13207C0150D	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
EAST JULIETTE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT **GEOLOGIC AGE IDENTIFICATION**

Era:	Paleozoic	Category:	Metamorphic Rocks
System:	Pennsylvanian		
Series:	Felsic paragneiss and schist		
Code:	mm1 *(decoded above as Era, System & Series)*		

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	DAVIDSON
Soil Surface Texture:	clay loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	7 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50
2	7 inches	12 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50
3	12 inches	53 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50
4	53 inches	72 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam
sandy clay loam
gravelly - clay loam

Surficial Soil Types: sandy loam
sandy clay loam
gravelly - clay loam

Shallow Soil Types: clay
sandy clay
sandy clay loam
gravelly - clay loam

Deeper Soil Types: fine sandy loam
sandy loam
loamy sand
weathered bedrock

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	2.000
Federal FRDS PWS	2.000
State Database	2.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	USGS40000261841	1 - 2 Miles SW
B3	USGS40000261824	1 - 2 Miles SSW
C4	USGS40000261847	1 - 2 Miles SW
B6	USGS40000261819	1 - 2 Miles SSW
8	USGS40000261838	1 - 2 Miles SW
D11	USGS40000261809	1 - 2 Miles SSW
E12	USGS40000261965	1 - 2 Miles NNW
14	USGS40000261804	1 - 2 Miles SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

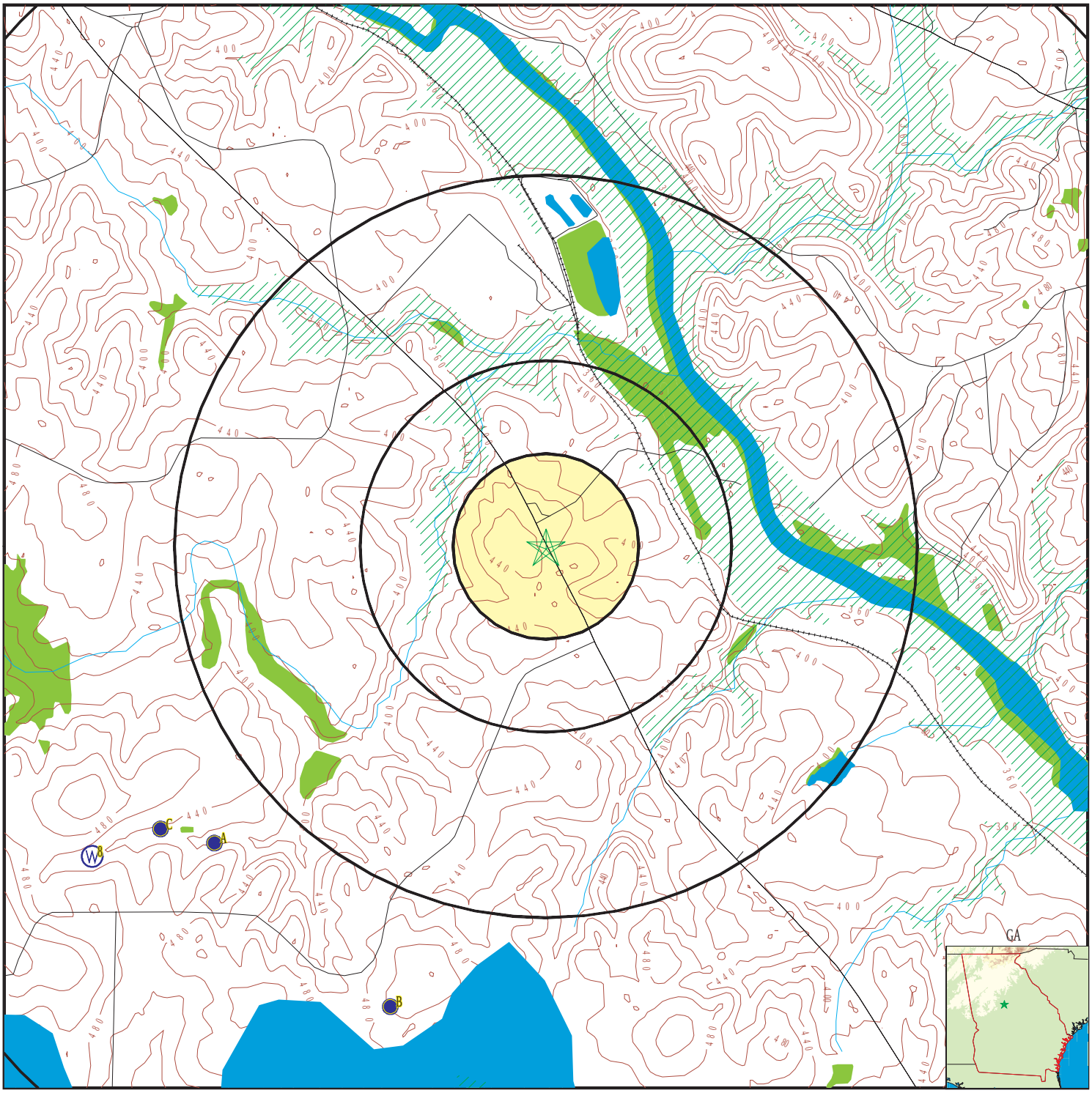
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	0000008219	1 - 2 Miles SW
C5	0000008220	1 - 2 Miles SW
B7	0000008218	1 - 2 Miles SSW
9	GAPR01000000834	1 - 2 Miles North
D10	0000008216	1 - 2 Miles SSW
E13	0000008221	1 - 2 Miles NNW

PHYSICAL SETTING SOURCE MAP - 8080015.1s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Wildlife Areas

SITE NAME: Plant Scherer	CLIENT: WSP USA Environment & Infrastructure Inc.
ADDRESS: 10988 GA-87	CONTACT: Colin Wilson
Juliette GA 31046	INQUIRY #: 8080015.1s
LAT/LONG: 33.079496 / 83.785644	DATE: August 17, 2025 6:12 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
A1 **SW** **1 - 2 Miles** **Lower**	**GA WELLS**	**0000008219**

County code:	207	Well num:	15Y002
Remarks:	GA POWER-PLNT SCHERER,CW1	Lat:	330404
Lon:	0834804	Latlon datum:	NAD27
Alt:	470.0	Alt datum:	NGVD29
Depth:	308.0	Depth to casing:	25.0
Casing dia:	6.0	Casing matl:	S
Depth to top:	25.0	Depth to bot:	308.0
Opening type:	X	Constr date:	197405
Discharge:	69.0	Prim use:	J
Aquifer code:	Not Reported	Edr id:	0000008219

A2
SW **FED USGS** **USGS40000261841**
1 - 2 Miles
Lower

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	15Y002	Type:	Well
Description:	GA POWER-PLNT SCHERER,CW1	HUC:	03070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	197405
Well Depth:	308	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

B3
SSW **FED USGS** **USGS40000261824**
1 - 2 Miles
Higher

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	15Y009	Type:	Well
Description:	Not Reported	HUC:	03070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

C4
SW **FED USGS** **USGS40000261847**
1 - 2 Miles
Higher

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	15Y004	Type:	Well
Description:	GA POWER PLNT SCHERER,CW3	HUC:	03070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770418
Well Depth:	165	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1977-04-20
Feet below surface:	12.0	Feet to sea level:	Not Reported
Note:	Not Reported		

C5
SW
1 - 2 Miles
Higher

GA WELLS **0000008220**

County code:	207	Well num:	15Y004
Remarks:	GA POWER PLNT SCHERER,CW3	Lat:	330406
Lon:	0834813	Latlon datum:	NAD27
Alt:	465.0	Alt datum:	NGVD29
Depth:	165.0	Depth to casing:	52.0
Casing dia:	6.0	Casing matl:	S
Depth to top:	52.0	Depth to bot:	165.0
Opening type:	X	Constr date:	19770418
Discharge:	75.0	Prim use:	J
Aquifer code:	Not Reported	Edr id:	0000008220

B6
SSW
1 - 2 Miles
Higher

FED USGS **USGS40000261819**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	15Y006	Type:	Well
Description:	GA POWER PLNT SCHERER,PW5	HUC:	03070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770425
Well Depth:	290	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1977-05-03
Feet below surface:	24.0	Feet to sea level:	Not Reported
Note:	Not Reported		

B7
SSW
1 - 2 Miles
Higher

GA WELLS **0000008218**

County code:	207	Well num:	15Y006
Remarks:	GA POWER PLNT SCHERER,PW5	Lat:	330340
Lon:	0834734	Latlon datum:	NAD27
Alt:	485.0	Alt datum:	NGVD29
Depth:	290.0	Depth to casing:	51.0
Casing dia:	6.0	Casing matl:	S
Depth to top:	51.0	Depth to bot:	290.0

Opening type:	X	Constr date:	19770425
Discharge:	12.0	Prim use:	J
Aquifer code:	Not Reported	Edr id:	0000008218

8
SW
1 - 2 Miles
Higher

FED USGS **USGS40000261838**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	15Y008	Type:	Well
Description:	Not Reported	HUC:	03070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

9
North
1 - 2 Miles
Higher

GA WELLS **GAPR01000000834**

Report ID:	1	Well Type:	Drilled Well
Well Age (yrs):	18	Well Depth (ft):	545
Coliform Test:	Satisfactory	Date Taken:	30-AUG-22
Results Date:	01-SEP-22	Coliform Present:	No
Fecal Present:	No		

D10
SSW
1 - 2 Miles
Lower

GA WELLS **0000008216**

County code:	207	Well num:	15Y005
Remarks:	GA POWER PLNT SCHERER,PW2	Lat:	330324
Lon:	0834812	Latlon datum:	NAD27
Alt:	420.0	Alt datum:	NGVD29
Depth:	405.0	Depth to casing:	109.0
Casing dia:	6.0	Casing matl:	S
Depth to top:	109.0	Depth to bot:	405.0
Opening type:	X	Constr date:	19780803
Discharge:	136.0	Prim use:	J
Aquifer code:	Not Reported	Edr id:	0000008216

D11
SSW
1 - 2 Miles
Lower

FED USGS **USGS40000261809**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	15Y005	Type:	Well
Description:	GA POWER PLNT SCHERER,PW2	HUC:	03070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19780803
Well Depth:	405	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1978-08-03
Feet below surface:	35.0	Feet to sea level:	Not Reported
Note:	Not Reported		

E12
NNW
1 - 2 Miles
Lower

FED USGS **USGS40000261965**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	15Y001	Type:	Well
Description:	SMITH, T	HUC:	03070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Crystalline Rocks	Aquifer Type:	Confined single aquifer
Construction Date:	1957	Well Depth:	141
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1957
Feet below surface:	2	Feet to sea level:	Not Reported
Note:	Not Reported		

E13
NNW
1 - 2 Miles
Lower

GA WELLS **0000008221**

County code:	207	Well num:	15Y001
Remarks:	SMITH, T	Lat:	330615
Lon:	0834757	Latlon datum:	NAD27
Alt:	375.00	Alt datum:	NGVD29
Depth:	141	Depth to casing:	15
Casing dia:	6	Casing matl:	S
Depth to top:	15	Depth to bot:	141
Opening type:	X	Constr date:	1957
Discharge:	6	Prim use:	H
Aquifer code:	400HBDG	Edr id:	0000008221

14
SSW
1 - 2 Miles
Lower

FED USGS **USGS40000261804**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	15Y007	Type:	Well
Description:	Not Reported	HUC:	03070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for MONROE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for MONROE COUNTY, GA

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.500 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.200 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Georgia GIS Clearinghouse
Telephone: 706-542-1581

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

A listing of Private Water Well locations
Georgia Department of Public Health
Telephone: (404) 657-2700
A listing of Private Water Well locations

Georgia Public Supply Wells
Source: Georgia Department of Community Affairs
Telephone: 404-894-0127

USGS Georgia Water Wells
Source: USGS, Georgia District Office
Telephone: 770-903-9100

DNR Managed Lands
Source: Department of Natural Resources
Telephone: 706-557-3032
This dataset provides 1:24,000-scale data depicting boundaries of land parcels making up the public lands managed by the Georgia Department of Natural Resources (GDNR). It includes polygon representations of State Parks, State Historic Parks, State Conservation Parks, State Historic Sites, Wildlife Management Areas, Public Fishing Areas, Fish Hatcheries, Natural Areas and other specially-designated areas. The data were collected and located by the Georgia Department of Natural Resources. Boundaries were digitized from survey plats or other information.

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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APPENDIX E

Statistical Analyses

APPENDIX E

Statistical Analyses February 2025

GROUNDWATER STATS CONSULTING

August 29, 2025

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Scherer Ash Pond (AP)
Statistical Analysis – February 2025 Sample Event

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the February 2025 Semi-Annual Groundwater Detection and Assessment Monitoring of groundwater data for Georgia Power Company's Plant Scherer AP. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals (CCR) from Electric Utilities (CCR Rule, 2015), the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10, and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling for the Appendix III and IV parameters began in 2016, and at least 8 background samples were collected at each of the groundwater monitoring wells. Sampling is conducted on a semi-annual basis for all constituents. A list of all parameters is provided below.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient well:** SGWA-1, SGWA-2, SGWA-3, SGWA-4, SGWA-5, SGWA-24, and SGWA-25
- **Downgradient wells:** SGWC-6, SGWC-7, SGWC-8, SGWC-9, SGWC-10, SGWC-11, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, and SGWC-23

- **Assessment Wells:** PZ-13S, PZ-14S, PZ-17I, PZ-39S, PZ-40I, PZ-41S, PZ-42I, PZ-43S, PZ-44I, and PZ-69I

The assessment wells were first sampled as early as October 2018 and all data are included on the time series graphs and box plots. These well/constituent pairs are formally evaluated for Appendix IV constituents using confidence intervals which require a minimum of 4 samples.

Resamples were collected in October 2022 for the following well/constituent pairs due to the August 2022 samples exceeding hold times for mercury and TDS:

- Mercury: SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, SGWC-23, PZ-14S, PZ-39S, PZ-40I, and PZ-42I
- pH: SGWC-16, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, SGWC-23, PZ-14S, PZ-39S, PZ-40I, and PZ-42I
- TDS: SGWC-16 and SGWC-17

Additional resamples were collected in November 2022 for the following well/constituent pairs due to the October 2022 resamples exceeding hold times for TDS:

- pH: SGWC-16 and SGWC-17
- TDS: SGWC-16 and SGWC-17

Per request of WSP Golder, the August 2022 samples that exceeded hold times for mercury and TDS are not included in the Sanitas database. The resamples collected for pH at these wells in October and November 2022 and were retained in the database.

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Senior Statistician for Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology provided in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance. In 2024, Georgia Power Company completed a data audit and migration of all CCR related groundwater data to the EarthSoft EQuIS Database Management Program (EQuIS). Data were then exported from EQuIS to Groundwater Stats Consulting (GSC) for use in completing this statistical analysis. Georgia Power Company contracted an independent third-party consultant, Environmental Resources Management (ERM), to support the data audit and migration to EQuIS. Based on the results of the audit and statistical analysis results from GSC, EQuIS will now be used by Georgia Power Company and its third-party geologists and engineers for management of data imported by independent third-party laboratories and data

exported by Georgia Power Company and its Consultants. The data will be used in preparation of report submittals, modeling, strategic planning, and other purposes appropriate and consistent with EQuIS's data management and reporting tools and capabilities.

The CCR program monitors the constituents listed below. The terms "parameters" and "constituents" are used interchangeably.

- **Appendix III** (Detection Monitoring) **-** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Appendix IV** (Assessment Monitoring) **–** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, combined radium 226 + 228 fluoride, lead, lithium, mercury, molybdenum, selenium, and thallium

Note that when there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. A list of Appendix IV downgradient well/constituent pairs containing 100% non-detects follows this letter. For all constituents, a substitution of the most recent reporting limit is used for non-detect data. This generally gives the most conservative limit in each case. Due to varying reporting limits during the February 2025 sample event for fluoride and lithium, the most recent reporting limits of 0.2 mg/L and 0.005 mg/L, respectfully, were substituted across all wells in order to maintain conservative (i.e., lower) limit from a regulatory perspective.

Time series plots for Appendix III and IV parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs. A summary of flagged outliers follows this report (Figure C).

Based on a previous screening, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided with the screening to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests the selected statistical method

should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations.

The original background screening was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database and excluded prior to construction of statistical limits. Interwell prediction limits, combined with a 1-of-2 resample plan, were recommended for all Appendix III constituents.

Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter. While data were further tested for intrawell eligibility during the screening, interwell methods were recommended for all Appendix III constituents in accordance with Georgia EPD requirements.

Summary of Statistical Methods:

Based on the evaluation for state and federal regulatory requirements, the following methods were selected for Appendix III and IV constituents:

- Appendix III: Interwell prediction limits, combined with a 1-of-2 resample plan for boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- Appendix IV: Confidence intervals on downgradient well data compared against Ground Water Protection Standards (GWPS) for each Appendix IV constituent

The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. Parametric prediction limits (or tolerance limits or confidence intervals as applicable) are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% per semi-annual event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The following approaches are used for handling non-detects (USEPA, 2009):

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In some cases, deselecting the earlier portion of data may be necessary prior to construction of limits so that resulting statistical limits are conservative (lower) from a regulatory perspective and capable of rapidly detecting changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Summary of Background Update Conducted in 2025

Outlier Analysis

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at upgradient wells for Appendix III and Appendix IV parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. When the most recent value is identified as an outlier, values are often not flagged in the database at this time as the measurements may represent a possible trend. If future values do not remain at similar concentrations, these values will be flagged as outliers and deselected.

Using the Tukey's box plot method and visual screening, the previously flagged value for fluoride at upgradient well SGWA-4 was confirmed. Tukey's test identified several other

outliers; however, these measurements were not flagged in the database as the measurements appeared to be representative of remaining observations among pooled upgradient concentrations and would not drastically change resulting limits if flagged. When any values are flagged in the database as outliers, the measurements are plotted in a disconnected and lighter symbol on the time series graph. The accompanying data pages will display the flagged value in a lighter font as well. A substitution of the most recent reporting limit was applied when varying detection limits existed in data. When the reporting limit was higher than the CCR-rule specified levels discussed below, non-detects were substituted with one half the reporting limit.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Test Evaluation

While trends can be identified by visual inspection, a quantification of the trend and its statistical significance is needed. The Sen's Slope/Mann Kendall trend test was used to evaluate all data at each upgradient well to identify statistically significant increasing or decreasing trends (Figure D). In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different than current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits. The following statistically significant trends were identified at upgradient wells:

Appendix III
Increasing:

- Calcium: SGWA-2, SGWA-3, SGWA-4, SGWA-5, and SGWA-24
- Chloride: SGWA-24
- pH: SGWA-3
- TDS: SGWA-4

Decreasing:

- Chloride: SGWA-3
- pH: SGWA-4
- Sulfate: SGWA-3 and SGWA-4

Appendix IV
Increasing:

- Barium: SGWA-3, SGWA-4, SGWA-5, SGWA-24, and SGWA-25
- Chromium: SGWA-2, SGWA-3, SGWA-4, and SGWA-24

Decreasing:

- Barium: SGWA-1
- Beryllium: SGWA-1
- Cobalt: SGWA-1 and SGWA-25

The results of the trend analyses showed several statistically significant decreasing and increasing trends for the Appendix III and IV parameters. However, the trends noted were relatively low in magnitude compared to average pooled upgradient concentrations and, therefore, no adjustments were made to the data sets at this time. If the observed decreasing or increasing trends persist over a longer time frame and influence resulting statistical limits, some records may need to be truncated. Exceptions include the trends for cobalt at upgradient wells SGWA-1 and SGWA-25; therefore, earlier observations from these records were truncated prior to constructing statistical limits. Trend tests for cobalt at upgradient wells SGWA-1 and SGWA-25 using both the truncated portion of their record and the full record follow this letter.

Statistical Analysis of Appendix III Parameters – February 2025

All Appendix III parameters were analyzed using interwell prediction limits. Background (upgradient) well data were reassessed for potential outliers, as described above, during this analysis (Figure C). Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs. Data from upgradient wells for Appendix III parameters are reassessed for outliers during each analysis. The previously flagged value of fluoride at upgradient well SGWA-4 was confirmed, and no additional outliers were flagged. A summary of flagged outliers follows this report.

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical upgradient well data through February 2025 (Figure E. Interwell prediction limits pool upgradient well data to establish a background limit for an individual

constituent. The February 2025 samples from each downgradient well are compared to the background limit to determine whether initial exceedances are present.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When a resample confirms the initial exceedance, a statistically significant increase is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result; therefore, no exceedance is noted, and no further action is necessary. If no resample is collected, the original result is considered a confirmed exceedance.

Several prediction limit exceedances were identified for Appendix III parameters. A summary table of the interwell prediction limits follows this letter and includes a list of exceedances. Note that while the Sanitas software does not identify reported estimated measurements flagged with "J" or non-detect observations flagged with "ND" by the laboratory in accordance with the EPA Unified Guidance (2009), the reported estimated measurement of 6.3 (J) mg/L and non-detect observation of 25 (ND) mg/L for chloride at downgradient wells SGWC-20 and SGWC-18, respectively, exceeded the background limit of 3.2 mg/L.

Trend Test Evaluation – Appendix III

When prediction limit exceedances are identified in downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are statistically increasing, decreasing, or stable (Figure F). Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site, which is an indication of variability in groundwater unrelated to practices at the site. A summary of the trend test results including a list of statistically significant trends follows this letter. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Boron: SGWC-10, SGWC-11, SGWC-16, SGWC-18, and SGWC-22
- Calcium: SGWA-2, SGWA-3, SGWA-4, SGWA-5, SGWA-24 (all upgradient), SGWC-13, SGWC-17, SGWC-19, SGWC-21, and SGWC-22
- Chloride: SGWA-24 (upgradient), SGWC-9, SGWC-11, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-18, and SGWC-23
- pH: SGWA-3 (upgradient) and SGWC-18

- Sulfate: SGWC-12, SGWC-13, SGWC-16, SGWC-17, SGWC-19, SGWC-21, and SGWC-22
- TDS: SGWA-4 (upgradient), SGWC-13, SGWC-17, SGWC-19, and SGWC-22

Decreasing:

- Boron: SGWC-20 and SGWC-23
- Calcium: SGWC-9
- Chloride: SGWA-3 (upgradient) and SGWC-7
- pH: SGWA-4 (upgradient)
- Sulfate: SGWA-3, SGWA-4 (both upgradient), SGWC-7, SGWC-9, and SGWC-23
- TDS: SGWC-9

Statistical Analysis of Appendix IV Parameters – February 2025

For Appendix IV parameters, confidence intervals for each downgradient well/constituent were compared against corresponding Groundwater Protection Standards (GWPS). GWPS were developed as described below. Downgradient well/constituent pairs containing 100% non-detects do not require analysis.

Data from upgradient wells for Appendix IV parameters are reassessed for outliers during each analysis. The previously flagged value of fluoride at SGWA-4 was confirmed, and no additional outliers were flagged. A summary of flagged outliers follows this report (Figure C). Additionally, downgradient well data through February 2025 were screened through visual screening using time series graphs. Since the downgradient well data are used to construct confidence intervals, a regulatory conservative approach is taken in that values that are marginally high relative to the rest of the data are retained unless there is particular justification for excluding them. For chromium at downgradient well SGWC-8, repeated detections above the reporting limit have been recorded since August 2022; therefore, a previously flagged value is no longer flagged as an outlier in this database. Previously flagged non-detects for lithium at downgradient wells SGWC-7 and SGWC-20 were unflagged since the most recent reporting limit of 0.005 mg/L was substituted for all non-detects.

Interwell Upper Tolerance Limits

Interwell tolerance limits were used to calculate site-specific background limits from all available pooled upgradient well data through February 2025 for Appendix IV constituents (Figure G). Parametric tolerance limits are calculated, with a target of 95% confidence and 95% coverage, when data follow a normal or transformed-normal

distribution. When data contained greater than 50% non-detects or did not follow a normal or transformed-normal distribution, non-parametric tolerance limits were used. As mentioned above, the records for cobalt at upgradient well SGWA-1 and SGWA-25 were truncated to use more recent and stable concentrations to establish an interwell tolerance limit. A list of well/constituent pairs using a truncated portion of their record follows this report.

Groundwater Protection Standards

The background limits were then used when determining the groundwater protection standard (GWPS) under 40 CFR §257.95(h) and Georgia EPD Rule 391-3-4-.10(6)(a). On July 30, 2018, US EPA revised the Federal CCR rule updating GWPS for cobalt, lead, lithium, and molybdenum as described above in 40 CFR §257.95(h)(2). Effective on February 22, 2022, Georgia EPD incorporated the updated GWPS into the current Georgia EPD Rules for Solid Waste Management 391-3-4-.10(6)(a). In accordance with the updated Rules, the GWPS is:

- The maximum contaminant level (MCL) established under §141.62 and §141.66 of this title
- Where an MCL has not been established for a constituent, Federal and State CCR Rules specify levels for cobalt (0.006 mg/L), lead (0.015 mg/L), lithium (0.040 mg/L), and molybdenum (0.100 mg/L)
- The respective background level for a constituent when the background level is higher than the MCL or Federal CCR Rule identified GWPS

Following Georgia EPD Rule requirements and the Federal CCR requirements, GWPS were established for statistical comparison of Appendix IV constituents for this sample event (Figure H).

Confidence Intervals

To complete the statistical comparison to GWPS, confidence intervals were constructed for each of the Appendix IV constituents in downgradient wells with a minimum of 8 samples and assessment wells with a minimum of 4 samples (Figure I).

The Sanitas software was used to calculate the confidence intervals, either parametric or nonparametric, depending on the data distribution and percentage of non-detects. When data followed a normal or transformed-normal distribution, parametric confidence intervals were used for Appendix IV parameters. Nonparametric confidence intervals, which use the largest and smallest order statistics depending on the sample size as interval limits, were constructed when data did not follow a normal or transformed-normal

distribution or when there were greater than 50% non-detects. The lower confidence limit, which is constructed with 99% confidence for parametric confidence intervals, is compared to the GWPS prepared as described above. The confidence level associated with nonparametric confidence intervals is dependent upon the number of samples available.

Only when the entire confidence interval is above a GWPS is the downgradient well/constituent pair considered to exceed its respective standard. If there is an exceedance of the GWPS, a statistically significant level (SSL) exceedance is identified. Summaries of the confidence interval results, along with graphical comparison against GWPS follow this letter. Exceedances were noted for the following well/constituent pairs:

- Cobalt: SGWC-10, SGWC-11, SGWC-14, SGWC-15, SGWC-18, and SGWC-20

Trend Test Evaluation – Appendix IV

When confidence interval exceedances are identified in downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable at the 95% confidence level (Figure J). Utilizing the 95% confidence level for trend tests readily identifies significant trends and is more sensitive than the 99% confidence level without drastically increasing the false negative rate. Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells. When similar patterns exist upgradient of the site, it is an indication of variability in groundwater which may be unrelated to practices at the site. A summary of the Appendix IV trend test results follows this letter and statistically significant trends were identified for the following well/constituent pairs:

Increasing
- None

Decreasing
- Cobalt: SGWA-1, SGWA-25 (both upgradient), SGWC-11, SGWC-18, and SGWC-20

Summary

Observations from the February 2025 sample event at Scherer AP were compared to established interwell prediction limits for all Appendix III constituents. Several statistically significant increases were identified and may be seen on the summary table following this letter.

When confidence intervals were constructed on downgradient wells for Appendix IV constituents and compared to respective GWPS, the following exceedances were identified:

- Cobalt: SGWC-10, SGWC-11, SGWC-14, SGWC-15, SGWC-18, and SGWC-20

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer AP. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Andrew Collins
Project Manager



Kristina L. Rayner
Senior Statistician

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Summary Tables

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Date Ranges

Date: 5/8/2025 5:15 PM

Plant Scherer Client: Southern Company Data: Scherer AP

Cobalt (mg/L)

SGWA-1 overall:10/5/2018-2/20/2025

SGWA-25 overall:9/14/2020-2/19/2025

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100% Non-Detects: Appendix IV Downgradient & Assessment

Analysis Run 4/17/2025 11:32 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Antimony (mg/L)
SGWC-6, SGWC-8, SGWC-9, SGWC-11, SGWC-12, SGWC-14, SGWC-15, SGWC-16, SGWC-17, PZ-14S, PZ-39S, PZ-41S, PZ-43S, PZ-44I, PZ-69I

Arsenic (mg/L)
PZ-13S, PZ-14S, PZ-17I, PZ-40I, PZ-41S, PZ-43S, PZ-44I

Beryllium (mg/L)
SGWC-9, SGWC-11, SGWC-12, SGWC-13, SGWC-16, SGWC-21, SGWC-23, PZ-13S, PZ-14S, PZ-17I, PZ-39S, PZ-40I, PZ-41S, PZ-42I, PZ-43S, PZ-44I, PZ-69I

Cadmium (mg/L)
SGWC-7, SGWC-9, SGWC-10, SGWC-12, SGWC-13, SGWC-16, SGWC-17, SGWC-22, SGWC-23, PZ-13S, PZ-14S, PZ-17I, PZ-39S, PZ-40I, PZ-41S, PZ-42I, PZ-43S, PZ-44I, PZ-69I

Chromium (mg/L)
SGWC-6, SGWC-11, PZ-40I, PZ-69I

Cobalt (mg/L)
PZ-17I

Lead (mg/L)
SGWC-9, SGWC-11, PZ-14S, PZ-17I, PZ-39S, PZ-40I, PZ-41S, PZ-43S, PZ-44I, PZ-69I

Mercury (mg/L)
SGWC-19, PZ-14S, PZ-17I, PZ-39S, PZ-40I, PZ-41S, PZ-42I, PZ-43S, PZ-69I

Molybdenum (mg/L)
SGWC-10, SGWC-11, SGWC-13, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, PZ-13S, PZ-14S, PZ-17I, PZ-41S, PZ-43S, PZ-44I

Selenium (mg/L)
SGWC-8, SGWC-9, SGWC-10, SGWC-21, SGWC-22, PZ-13S, PZ-14S, PZ-43S, PZ-69I

Thallium (mg/L)
SGWC-16, SGWC-19, SGWC-21, PZ-13S, PZ-14S, PZ-17I, PZ-39S, PZ-40I, PZ-42I, PZ-43S, PZ-44I, PZ-69I

Appendix III Trend Tests - Upgradient Wells - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:08 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Calcium (mg/L)	**SGWA-2 (bg)**	**0.2691**	**165**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-3 (bg)**	**0.1577**	**118**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-4 (bg)**	**0.6836**	**188**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-5 (bg)**	**0.05152**	**128**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-24 (bg)**	**0.6716**	**205**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWA-3 (bg)**	**-0.102**	**-115**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWA-24 (bg)**	**0.1828**	**146**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**SGWA-3 (bg)**	**0.01976**	**148**	**139**	**Yes**	**29**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**SGWA-4 (bg)**	**-0.01901**	**-171**	**-139**	**Yes**	**29**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWA-3 (bg)**	**-0.128**	**-144**	**-105**	**Yes**	**24**	**4.167**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWA-4 (bg)**	**-0.1188**	**-146**	**-105**	**Yes**	**24**	**8.333**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**SGWA-4 (bg)**	**4.811**	**142**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**

Appendix IV Trend Tests - Upgradient Wells - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 2:51 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium (mg/L)	**SGWA-1 (bg)**	**-0.0007521**	**-101**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Barium (mg/L)	**SGWA-3 (bg)**	**0.0007521**	**167**	**96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Barium (mg/L)	**SGWA-4 (bg)**	**0.004152**	**281**	**96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Barium (mg/L)	**SGWA-5 (bg)**	**0.0002816**	**146**	**96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Barium (mg/L)	**SGWA-24 (bg)**	**0.0008921**	**218**	**96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Barium (mg/L)	**SGWA-25 (bg)**	**0.0004906**	**131**	**96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	**SGWA-1 (bg)**	**-0.00002045**	**-116**	**-96**	**Yes**	**27**	**51.85**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**SGWA-2 (bg)**	**0.0001642**	**119**	**101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**SGWA-3 (bg)**	**0.002354**	**300**	**101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**SGWA-4 (bg)**	**0.0002901**	**148**	**101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**SGWA-24 (bg)**	**0.0002851**	**211**	**101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWA-1 (bg)**	**-0.001701**	**-260**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWA-25 (bg)**	**-0.001657**	**-263**	**-96**	**Yes**	**27**	**14.81**	**n/a**	**0.05**	**NP**

Cobalt SGWA-1 & SGWA-25 Trend Test - Truncated Records - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:18 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Cobalt (mg/L)	**SGWA-1 (bg)**	**-0.00009099**	**-54**	**-49**	**Yes**	**17**	**0**	**n/a**	**0.05**	**NP**

Cobalt SGWA-1 & SGWA-25 Trend Test - Truncated Records - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:18 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Cobalt (mg/L)	**SGWA-1 (bg)**	**-0.00009099**	**-54**	**-49**	**Yes**	**17**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	SGWA-25 (bg)	0	-1	-27	No	11	36.36	n/a	0.05	NP

Appendix III Interwell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:18 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	SGWC-9	0.18	n/a	2/19/2025	1.4	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-10	0.18	n/a	2/19/2025	0.31	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-11	0.18	n/a	2/20/2025	0.87	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-13	0.18	n/a	2/19/2025	0.96	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-14	0.18	n/a	2/19/2025	1.6	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-15	0.18	n/a	2/20/2025	1.3	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-16	0.18	n/a	2/19/2025	0.88	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-17	0.18	n/a	2/19/2025	0.39	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-18	0.18	n/a	2/21/2025	5.5	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-19	0.18	n/a	2/21/2025	2	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-20	0.18	n/a	2/20/2025	1.9	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-21	0.18	n/a	2/20/2025	1.3	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-22	0.18	n/a	2/20/2025	0.52	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-23	0.18	n/a	2/21/2025	0.35	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Calcium (mg/L)	SGWC-8	23	n/a	2/19/2025	39	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-9	23	n/a	2/19/2025	29	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-12	23	n/a	2/19/2025	25	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-13	23	n/a	2/19/2025	31	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-14	23	n/a	2/19/2025	37	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-17	23	n/a	2/19/2025	79	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-18	23	n/a	2/21/2025	37	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-19	23	n/a	2/21/2025	43	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-21	23	n/a	2/20/2025	42	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-22	23	n/a	2/20/2025	25	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Chloride (mg/L)	SGWC-7	3.2	n/a	2/19/2025	4.6	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-8	3.2	n/a	2/19/2025	18	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-9	3.2	n/a	2/19/2025	14	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-10	3.2	n/a	2/19/2025	9.6	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-11	3.2	n/a	2/20/2025	12	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-12	3.2	n/a	2/19/2025	12	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-13	3.2	n/a	2/19/2025	25	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-14	3.2	n/a	2/19/2025	30	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-15	3.2	n/a	2/20/2025	11	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-16	3.2	n/a	2/19/2025	17	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-17	3.2	n/a	2/19/2025	20	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-19	3.2	n/a	2/21/2025	12	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-21	3.2	n/a	2/20/2025	5.5	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-22	3.2	n/a	2/20/2025	10	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-23	3.2	n/a	2/21/2025	8	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Fluoride (mg/L)	SGWC-7	0.2	n/a	2/19/2025	0.23	Yes	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
pH, Field (SU)	SGWC-15	7.01	5.09	2/20/2025	4.55	Yes	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-18	7.01	5.09	2/21/2025	4.78	Yes	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-20	7.01	5.09	2/20/2025	4.17	Yes	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-7	3.75	n/a	2/19/2025	4.8	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-8	3.75	n/a	2/19/2025	37	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-9	3.75	n/a	2/19/2025	120	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-10	3.75	n/a	2/19/2025	36	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-11	3.75	n/a	2/20/2025	31	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-12	3.75	n/a	2/19/2025	83	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-13	3.75	n/a	2/19/2025	170	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-14	3.75	n/a	2/19/2025	230	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-15	3.75	n/a	2/20/2025	210	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-16	3.75	n/a	2/19/2025	84	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-17	3.75	n/a	2/19/2025	340	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-18	3.75	n/a	2/21/2025	850	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-19	3.75	n/a	2/21/2025	270	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-20	3.75	n/a	2/20/2025	280	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-21	3.75	n/a	2/20/2025	120	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-22	3.75	n/a	2/20/2025	88	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-23	3.75	n/a	2/21/2025	52	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-8	200	n/a	2/19/2025	330	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-9	200	n/a	2/19/2025	310	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-12	200	n/a	2/19/2025	220	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:18 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
TDS (mg/L)	SGWC-13	200	n/a	2/19/2025	280	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-14	200	n/a	2/19/2025	350	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-15	200	n/a	2/20/2025	320	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-17	200	n/a	2/19/2025	520	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-18	200	n/a	2/21/2025	1100	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-19	200	n/a	2/21/2025	420	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-20	200	n/a	2/20/2025	390	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-21	200	n/a	2/20/2025	380	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-22	200	n/a	2/20/2025	210	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:18 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	SGWC-6	0.18	n/a	2/20/2025	0.069J	No	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-7	0.18	n/a	2/19/2025	0.08ND	No	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-8	0.18	n/a	2/19/2025	0.042J	No	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	**SGWC-9**	**0.18**	**n/a**	**2/19/2025**	**1.4**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-10**	**0.18**	**n/a**	**2/19/2025**	**0.31**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-11**	**0.18**	**n/a**	**2/20/2025**	**0.87**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	SGWC-12	0.18	n/a	2/19/2025	0.039J	No	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	**SGWC-13**	**0.18**	**n/a**	**2/19/2025**	**0.96**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-14**	**0.18**	**n/a**	**2/19/2025**	**1.6**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-15**	**0.18**	**n/a**	**2/20/2025**	**1.3**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-16**	**0.18**	**n/a**	**2/19/2025**	**0.88**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-17**	**0.18**	**n/a**	**2/19/2025**	**0.39**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-18**	**0.18**	**n/a**	**2/21/2025**	**5.5**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-19**	**0.18**	**n/a**	**2/21/2025**	**2**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-20**	**0.18**	**n/a**	**2/20/2025**	**1.9**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-21**	**0.18**	**n/a**	**2/20/2025**	**1.3**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-22**	**0.18**	**n/a**	**2/20/2025**	**0.52**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-23**	**0.18**	**n/a**	**2/21/2025**	**0.35**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	SGWC-6	23	n/a	2/20/2025	13	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-7	23	n/a	2/19/2025	17	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-8**	**23**	**n/a**	**2/19/2025**	**39**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-9**	**23**	**n/a**	**2/19/2025**	**29**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-10	23	n/a	2/19/2025	4.3	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-11	23	n/a	2/20/2025	3.3	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-12**	**23**	**n/a**	**2/19/2025**	**25**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-13**	**23**	**n/a**	**2/19/2025**	**31**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-14**	**23**	**n/a**	**2/19/2025**	**37**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-15	23	n/a	2/20/2025	16	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-16	23	n/a	2/19/2025	1.9	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-17**	**23**	**n/a**	**2/19/2025**	**79**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-18**	**23**	**n/a**	**2/21/2025**	**37**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-19**	**23**	**n/a**	**2/21/2025**	**43**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-20	23	n/a	2/20/2025	22	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-21**	**23**	**n/a**	**2/20/2025**	**42**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-22**	**23**	**n/a**	**2/20/2025**	**25**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-23	23	n/a	2/21/2025	19	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Chloride (mg/L)	SGWC-6	3.2	n/a	2/20/2025	2.6	No	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	**SGWC-7**	**3.2**	**n/a**	**2/19/2025**	**4.6**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-8**	**3.2**	**n/a**	**2/19/2025**	**18**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-9**	**3.2**	**n/a**	**2/19/2025**	**14**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-10**	**3.2**	**n/a**	**2/19/2025**	**9.6**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-11**	**3.2**	**n/a**	**2/20/2025**	**12**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-12**	**3.2**	**n/a**	**2/19/2025**	**12**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-13**	**3.2**	**n/a**	**2/19/2025**	**25**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-14**	**3.2**	**n/a**	**2/19/2025**	**30**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-15**	**3.2**	**n/a**	**2/20/2025**	**11**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-16**	**3.2**	**n/a**	**2/19/2025**	**17**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-17**	**3.2**	**n/a**	**2/19/2025**	**20**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	SGWC-18	3.2	n/a	2/21/2025	25ND	No	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	**SGWC-19**	**3.2**	**n/a**	**2/21/2025**	**12**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	SGWC-20	3.2	n/a	2/20/2025	6.3J	No	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	**SGWC-21**	**3.2**	**n/a**	**2/20/2025**	**5.5**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-22**	**3.2**	**n/a**	**2/20/2025**	**10**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-23**	**3.2**	**n/a**	**2/21/2025**	**8**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Fluoride (mg/L)	SGWC-6	0.2	n/a	2/20/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**SGWC-7**	**0.2**	**n/a**	**2/19/2025**	**0.23**	**Yes**	**195**	**n/a**	**n/a**	**57.95**	**n/a**	**n/a**	**0.00005191**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	SGWC-8	0.2	n/a	2/19/2025	0.17J	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-9	0.2	n/a	2/19/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-10	0.2	n/a	2/19/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-11	0.2	n/a	2/20/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-12	0.2	n/a	2/19/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-13	0.2	n/a	2/19/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-14	0.2	n/a	2/19/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:18 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	SGWC-15	0.2	n/a	2/20/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-16	0.2	n/a	2/19/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-17	0.2	n/a	2/19/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-18	0.2	n/a	2/21/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-19	0.2	n/a	2/21/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-20	0.2	n/a	2/20/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-21	0.2	n/a	2/20/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-22	0.2	n/a	2/20/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-23	0.2	n/a	2/21/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
pH, Field (SU)	SGWC-6	7.01	5.09	2/20/2025	6.3	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-7	7.01	5.09	2/19/2025	6.51	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-8	7.01	5.09	2/19/2025	6.65	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-9	7.01	5.09	2/19/2025	6.21	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-10	7.01	5.09	2/19/2025	5.32	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-11	7.01	5.09	2/20/2025	5.38	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-12	7.01	5.09	2/19/2025	6.22	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-13	7.01	5.09	2/19/2025	6.06	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-14	7.01	5.09	2/19/2025	5.79	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	**SGWC-15**	**7.01**	**5.09**	**2/20/2025**	**4.55**	**Yes**	**205**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00009815**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	SGWC-16	7.01	5.09	2/19/2025	5.1	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-17	7.01	5.09	2/19/2025	6.28	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	**SGWC-18**	**7.01**	**5.09**	**2/21/2025**	**4.78**	**Yes**	**205**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00009815**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	SGWC-19	7.01	5.09	2/21/2025	5.59	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	**SGWC-20**	**7.01**	**5.09**	**2/20/2025**	**4.17**	**Yes**	**205**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00009815**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	SGWC-21	7.01	5.09	2/20/2025	6.44	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-22	7.01	5.09	2/20/2025	5.7	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-23	7.01	5.09	2/21/2025	5.93	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-6	3.75	n/a	2/20/2025	1ND	No	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**SGWC-7**	**3.75**	**n/a**	**2/19/2025**	**4.8**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-8**	**3.75**	**n/a**	**2/19/2025**	**37**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-9**	**3.75**	**n/a**	**2/19/2025**	**120**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-10**	**3.75**	**n/a**	**2/19/2025**	**36**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-11**	**3.75**	**n/a**	**2/20/2025**	**31**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-12**	**3.75**	**n/a**	**2/19/2025**	**83**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-13**	**3.75**	**n/a**	**2/19/2025**	**170**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-14**	**3.75**	**n/a**	**2/19/2025**	**230**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-15**	**3.75**	**n/a**	**2/20/2025**	**210**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-16**	**3.75**	**n/a**	**2/19/2025**	**84**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-17**	**3.75**	**n/a**	**2/19/2025**	**340**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-18**	**3.75**	**n/a**	**2/21/2025**	**850**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-19**	**3.75**	**n/a**	**2/21/2025**	**270**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-20**	**3.75**	**n/a**	**2/20/2025**	**280**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-21**	**3.75**	**n/a**	**2/20/2025**	**120**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-22**	**3.75**	**n/a**	**2/20/2025**	**88**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-23**	**3.75**	**n/a**	**2/21/2025**	**52**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	SGWC-6	200	n/a	2/20/2025	130	No	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-7	200	n/a	2/19/2025	160	No	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	**SGWC-8**	**200**	**n/a**	**2/19/2025**	**330**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-9**	**200**	**n/a**	**2/19/2025**	**310**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	SGWC-10	200	n/a	2/19/2025	93	No	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-11	200	n/a	2/20/2025	90	No	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	**SGWC-12**	**200**	**n/a**	**2/19/2025**	**220**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-13**	**200**	**n/a**	**2/19/2025**	**280**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-14**	**200**	**n/a**	**2/19/2025**	**350**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-15**	**200**	**n/a**	**2/20/2025**	**320**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	SGWC-16	200	n/a	2/19/2025	150	No	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	**SGWC-17**	**200**	**n/a**	**2/19/2025**	**520**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-18**	**200**	**n/a**	**2/21/2025**	**1100**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-19**	**200**	**n/a**	**2/21/2025**	**420**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-20**	**200**	**n/a**	**2/20/2025**	**390**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-21**	**200**	**n/a**	**2/20/2025**	**380**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-22**	**200**	**n/a**	**2/20/2025**	**210**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	SGWC-23	200	n/a	2/21/2025	190	No	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:59 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	SGWC-10	0.02525	199	105	Yes	24	8.333	n/a	0.01	NP
Boron (mg/L)	SGWC-11	0.05585	245	105	Yes	24	0	n/a	0.01	NP
Boron (mg/L)	SGWC-16	0.02666	161	105	Yes	24	0	n/a	0.01	NP
Boron (mg/L)	SGWC-18	0.408	196	111	Yes	25	0	n/a	0.01	NP
Boron (mg/L)	SGWC-20	-0.04741	-112	-105	Yes	24	0	n/a	0.01	NP
Boron (mg/L)	SGWC-22	0.01961	145	105	Yes	24	0	n/a	0.01	NP
Boron (mg/L)	SGWC-23	-0.02692	-146	-105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWA-2 (bg)	0.2691	165	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWA-3 (bg)	0.1577	118	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWA-4 (bg)	0.6836	188	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWA-5 (bg)	0.05152	128	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWA-24 (bg)	0.6716	205	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWC-9	-2.195	-143	-105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWC-13	1.059	216	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWC-17	3.768	238	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWC-19	1.055	144	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWC-21	1.553	167	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWC-22	0.8824	159	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWA-3 (bg)	-0.102	-115	-105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWA-24 (bg)	0.1828	146	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-7	-0.3605	-177	-105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-9	1.22	191	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-11	0.3582	141	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-12	0.175	171	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-13	1.183	228	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-14	0.4032	123	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-15	0.2885	159	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-16	0.314	184	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-18	1.326	148	111	Yes	25	4	n/a	0.01	NP
Chloride (mg/L)	SGWC-23	0.2906	115	105	Yes	24	0	n/a	0.01	NP
pH, Field (SU)	SGWA-3 (bg)	0.01976	148	139	Yes	29	0	n/a	0.01	NP
pH, Field (SU)	SGWA-4 (bg)	-0.01901	-171	-139	Yes	29	0	n/a	0.01	NP
pH, Field (SU)	SGWC-18	0.02047	160	139	Yes	29	0	n/a	0.01	NP
Sulfate (mg/L)	SGWA-3 (bg)	-0.128	-144	-105	Yes	24	4.167	n/a	0.01	NP
Sulfate (mg/L)	SGWA-4 (bg)	-0.1188	-146	-105	Yes	24	8.333	n/a	0.01	NP
Sulfate (mg/L)	SGWC-7	-1.767	-187	-105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-9	-16.63	-137	-105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-12	4.6	212	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-13	4.003	171	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-16	6.484	270	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-17	16.04	248	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-19	7.411	129	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-21	6.509	162	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-22	4	152	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-23	-9.483	-227	-105	Yes	24	0	n/a	0.01	NP
TDS (mg/L)	SGWA-4 (bg)	4.811	142	105	Yes	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-9	-20.64	-144	-105	Yes	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-13	10.2	171	105	Yes	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-17	21.73	235	105	Yes	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-19	10.51	117	105	Yes	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-22	8.746	117	105	Yes	24	0	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:59 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	SGWA-1 (bg)	0	-44	-105	No	24	83.33	n/a	0.01	NP
Boron (mg/L)	SGWA-2 (bg)	0	-46	-105	No	24	83.33	n/a	0.01	NP
Boron (mg/L)	SGWA-3 (bg)	0	-12	-105	No	24	83.33	n/a	0.01	NP
Boron (mg/L)	SGWA-4 (bg)	0	-1	-105	No	24	91.67	n/a	0.01	NP
Boron (mg/L)	SGWA-5 (bg)	0	-41	-105	No	24	91.67	n/a	0.01	NP
Boron (mg/L)	SGWA-24 (bg)	0	7	105	No	24	91.67	n/a	0.01	NP
Boron (mg/L)	SGWA-25 (bg)	0	18	105	No	24	87.5	n/a	0.01	NP
Boron (mg/L)	SGWC-9	-0.004047	-49	-105	No	24	0	n/a	0.01	NP
Boron (mg/L)	**SGWC-10**	**0.02525**	**199**	**105**	**Yes**	**24**	**8.333**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**SGWC-11**	**0.05585**	**245**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-13	0.02031	77	105	No	24	0	n/a	0.01	NP
Boron (mg/L)	SGWC-14	0.02217	102	105	No	24	0	n/a	0.01	NP
Boron (mg/L)	SGWC-15	-0.02473	-74	-105	No	24	0	n/a	0.01	NP
Boron (mg/L)	**SGWC-16**	**0.02666**	**161**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-17	0	6	105	No	24	0	n/a	0.01	NP
Boron (mg/L)	**SGWC-18**	**0.408**	**196**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-19	0.01622	62	105	No	24	0	n/a	0.01	NP
Boron (mg/L)	**SGWC-20**	**-0.04741**	**-112**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-21	-0.01642	-85	-105	No	24	0	n/a	0.01	NP
Boron (mg/L)	**SGWC-22**	**0.01961**	**145**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**SGWC-23**	**-0.02692**	**-146**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWA-1 (bg)	-0.03201	-47	-105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**SGWA-2 (bg)**	**0.2691**	**165**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-3 (bg)**	**0.1577**	**118**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-4 (bg)**	**0.6836**	**188**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-5 (bg)**	**0.05152**	**128**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-24 (bg)**	**0.6716**	**205**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWA-25 (bg)	-0.06868	-49	-105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWC-8	-0.3636	-31	-105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**SGWC-9**	**-2.195**	**-143**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWC-12	0.234	80	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**SGWC-13**	**1.059**	**216**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWC-14	0.169	42	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**SGWC-17**	**3.768**	**238**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWC-18	-1.435	-55	-111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	**SGWC-19**	**1.055**	**144**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWC-21**	**1.553**	**167**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWC-22**	**0.8824**	**159**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWA-1 (bg)	0	22	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWA-2 (bg)	0	11	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**SGWA-3 (bg)**	**-0.102**	**-115**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWA-4 (bg)	0	-1	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWA-5 (bg)	0.02482	65	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**SGWA-24 (bg)**	**0.1828**	**146**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWA-25 (bg)	0	-10	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**SGWC-7**	**-0.3605**	**-177**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWC-8	0.4393	79	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**SGWC-9**	**1.22**	**191**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWC-10	0.05862	59	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**SGWC-11**	**0.3582**	**141**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-12**	**0.175**	**171**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-13**	**1.183**	**228**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-14**	**0.4032**	**123**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-15**	**0.2885**	**159**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-16**	**0.314**	**184**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWC-17	0	-13	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**SGWC-18**	**1.326**	**148**	**111**	**Yes**	**25**	**4**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWC-19	0.2838	85	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-20	-0.1353	-87	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-21	0.2523	68	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-22	0.08106	104	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**SGWC-23**	**0.2906**	**115**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:59 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Fluoride (mg/L)	SGWA-1 (bg)	0	-64	-131	No	28	85.71	n/a	0.01	NP
Fluoride (mg/L)	SGWA-2 (bg)	0	-51	-131	No	28	42.86	n/a	0.01	NP
Fluoride (mg/L)	SGWA-3 (bg)	0	8	131	No	28	67.86	n/a	0.01	NP
Fluoride (mg/L)	SGWA-4 (bg)	-0.003296	-80	-124	No	27	40.74	n/a	0.01	NP
Fluoride (mg/L)	SGWA-5 (bg)	0	-37	-131	No	28	78.57	n/a	0.01	NP
Fluoride (mg/L)	SGWA-24 (bg)	-0.0003025	-69	-131	No	28	42.86	n/a	0.01	NP
Fluoride (mg/L)	SGWA-25 (bg)	0	-21	-131	No	28	46.43	n/a	0.01	NP
Fluoride (mg/L)	SGWC-7	-0.005789	-76	-131	No	28	3.571	n/a	0.01	NP
pH, Field (SU)	SGWA-1 (bg)	-0.01736	-88	-139	No	29	0	n/a	0.01	NP
pH, Field (SU)	SGWA-2 (bg)	0.0054	61	139	No	29	0	n/a	0.01	NP
pH, Field (SU)	**SGWA-3 (bg)**	**0.01976**	**148**	**139**	**Yes**	**29**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**SGWA-4 (bg)**	**-0.01901**	**-171**	**-139**	**Yes**	**29**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	SGWA-5 (bg)	-0.008975	-73	-146	No	30	0	n/a	0.01	NP
pH, Field (SU)	SGWA-24 (bg)	0.002555	32	139	No	29	0	n/a	0.01	NP
pH, Field (SU)	SGWA-25 (bg)	-0.01139	-86	-146	No	30	0	n/a	0.01	NP
pH, Field (SU)	SGWC-15	-0.01023	-106	-139	No	29	0	n/a	0.01	NP
pH, Field (SU)	**SGWC-18**	**0.02047**	**160**	**139**	**Yes**	**29**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	SGWC-20	-0.004976	-57	-139	No	29	0	n/a	0.01	NP
Sulfate (mg/L)	SGWA-1 (bg)	-0.02284	-52	-105	No	24	20.83	n/a	0.01	NP
Sulfate (mg/L)	SGWA-2 (bg)	0	6	105	No	24	54.17	n/a	0.01	NP
Sulfate (mg/L)	**SGWA-3 (bg)**	**-0.128**	**-144**	**-105**	**Yes**	**24**	**4.167**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWA-4 (bg)**	**-0.1188**	**-146**	**-105**	**Yes**	**24**	**8.333**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWA-5 (bg)	0	54	105	No	24	83.33	n/a	0.01	NP
Sulfate (mg/L)	SGWA-24 (bg)	0	32	105	No	24	83.33	n/a	0.01	NP
Sulfate (mg/L)	SGWA-25 (bg)	0	30	105	No	24	79.17	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-7**	**-1.767**	**-187**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-8	0	-7	-105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-9**	**-16.63**	**-137**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-10	0.822	55	105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-11	-0.09154	-33	-105	No	24	12.5	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-12**	**4.6**	**212**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-13**	**4.003**	**171**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-14	2.541	89	105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-15	0	51	105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-16**	**6.484**	**270**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-17**	**16.04**	**248**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-18	45.63	62	111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-19**	**7.411**	**129**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-20	0	6	105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-21**	**6.509**	**162**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-22**	**4**	**152**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-23**	**-9.483**	**-227**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWA-1 (bg)	1.413	39	105	No	24	4.167	n/a	0.01	NP
TDS (mg/L)	SGWA-2 (bg)	0.2276	50	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	SGWA-3 (bg)	1.563	48	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	**SGWA-4 (bg)**	**4.811**	**142**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWA-5 (bg)	1.28	48	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	SGWA-24 (bg)	2.602	95	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	SGWA-25 (bg)	-0.7464	-36	-105	No	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-8	-5.894	-95	-105	No	24	0	n/a	0.01	NP
TDS (mg/L)	**SGWC-9**	**-20.64**	**-144**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-12	2.575	85	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	**SGWC-13**	**10.2**	**171**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-14	4.547	103	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-15	1.456	49	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	**SGWC-17**	**21.73**	**235**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-18	66.6	68	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	**SGWC-19**	**10.51**	**117**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-20	1.306	35	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-21	9.566	103	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	**SGWC-22**	**8.746**	**117**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**

Upper Tolerance Limits Summary Table

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:26 PM

Constituent	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.0021	154	n/a	n/a	95.45	n/a	n/a	0.0003711	NP Inter(NDs)
Arsenic (mg/L)	0.0015	189	n/a	n/a	88.36	n/a	n/a	NaN	NP Inter(NDs)
Barium (mg/L)	0.091	189	n/a	n/a	0	n/a	n/a	NaN	NP Inter(normality)
Beryllium (mg/L)	0.0025	189	n/a	n/a	92.59	n/a	n/a	NaN	NP Inter(NDs)
Cadmium (mg/L)	0.0025	182	n/a	n/a	98.9	n/a	n/a	NaN	NP Inter(NDs)
Chromium (mg/L)	0.027	196	n/a	n/a	24.49	n/a	n/a	NaN	NP Inter(normality)
Cobalt (mg/L)	0.0025	163	n/a	n/a	77.3	n/a	n/a	0.0002339	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	1.66	189	n/a	n/a	0	n/a	n/a	NaN	NP Inter(normality)
Fluoride (mg/L)	0.2	195	n/a	n/a	57.95	n/a	n/a	NaN	NP Inter(NDs)
Lead (mg/L)	0.001	189	n/a	n/a	94.18	n/a	n/a	NaN	NP Inter(NDs)
Lithium (mg/L)	0.0051	189	n/a	n/a	84.66	n/a	n/a	NaN	NP Inter(NDs)
Mercury (mg/L)	0.0005	191	n/a	n/a	93.19	n/a	n/a	NaN	NP Inter(NDs)
Molybdenum (mg/L)	0.015	182	n/a	n/a	93.41	n/a	n/a	NaN	NP Inter(NDs)
Selenium (mg/L)	0.005	189	n/a	n/a	93.12	n/a	n/a	NaN	NP Inter(NDs)
Thallium (mg/L)	0.001	189	n/a	n/a	93.65	n/a	n/a	NaN	NP Inter(NDs)

SCHERER ASH POND GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background Limit**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0021	0.006
Arsenic, Total (mg/L)	0.01		0.0015	0.01
Barium, Total (mg/L)	2		0.091	2
Beryllium, Total (mg/L)	0.004		0.0025	0.004
Cadmium, Total (mg/L)	0.005		0.0025	0.005
Chromium, Total (mg/L)	0.1		0.027	0.1
Cobalt, Total (mg/L)		0.006	0.0025	0.006
Combined Radium, Total (pCi/L)	5		1.66	5
Fluoride, Total (mg/L)	4		0.2	4
Lead, Total (mg/L)		0.015	0.001	0.015
Lithium, Total (mg/L)		0.04	0.0051	0.04
Mercury, Total (mg/L)	0.002		0.0005	0.002
Molybdenum, Total (mg/L)		0.1	0.015	0.1
Selenium, Total (mg/L)	0.05		0.005	0.05
Thallium, Total (mg/L)	0.002		0.001	0.002

Grey cell indicates Background Limit is higher than MCL or CCR-Rule Specified Level

**GWPS = Groundwater Protection Standard*

**MCL = Maximum Contaminant Level*

**CCR = Coal Combustion Residuals*

Appendix IV Confidence Intervals - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**SGWC-10**	**0.02975**	**0.02249**	**0.006**	**Yes**	**27**	**0.02612**	**0.007607**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-11**	**0.02648**	**0.02085**	**0.006**	**Yes**	**27**	**0.02367**	**0.005903**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-14**	**0.01095**	**0.007151**	**0.006**	**Yes**	**27**	**0.00905**	**0.003981**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-15**	**0.2731**	**0.2552**	**0.006**	**Yes**	**27**	**0.2641**	**0.01872**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-18**	**0.1383**	**0.09971**	**0.006**	**Yes**	**28**	**0.119**	**0.04127**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-20**	**0.1984**	**0.1464**	**0.006**	**Yes**	**27**	**0.1724**	**0.05452**	**0**	**None**	**No**	**0.01**	**Param.**

Appendix IV Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	SGWC-7	0.002	0.0004	0.006	No	21	0.001924	0.0003491	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-10	0.002	0.0014	0.006	No	21	0.001971	0.0001309	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-13	0.002	0.0004	0.006	No	21	0.001924	0.0003491	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-18	0.002	0.0012	0.006	No	20	0.00196	0.0001789	95	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-19	0.0021	0.002	0.006	No	21	0.002005	0.00002182	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-20	0.002	0.0019	0.006	No	20	0.001995	0.00002236	95	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-21	0.002	0.0019	0.006	No	21	0.001995	0.00002182	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-22	0.0022	0.002	0.006	No	21	0.00201	0.00004364	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-23	0.002	0.00098	0.006	No	21	0.001951	0.0002226	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-13S	0.002	0.00046	0.006	No	7	0.00178	0.0005821	85.71	None	No	0.008	NP (NDs)
Antimony (mg/L)	PZ-17I	0.002	0.00061	0.006	No	7	0.001801	0.0005254	85.71	None	No	0.008	NP (NDs)
Antimony (mg/L)	PZ-40I	0.002	0.00089	0.006	No	7	0.001841	0.0004195	85.71	None	No	0.008	NP (NDs)
Antimony (mg/L)	PZ-42I	0.002	0.0009	0.006	No	7	0.001843	0.0004158	85.71	None	No	0.008	NP (NDs)
Arsenic (mg/L)	SGWC-6	0.001	0.0006	0.01	No	27	0.0009444	0.0001619	88.89	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-7	0.001	0.0009	0.01	No	27	0.0009141	0.0001769	77.78	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-8	0.001	0.001	0.01	No	27	0.0009174	0.0001864	77.78	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-9	0.001	0.0009	0.01	No	27	0.0008993	0.0001979	66.67	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-10	0.001	0.00074	0.01	No	27	0.0009567	0.0001293	88.89	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-11	0.00103	0.001	0.01	No	27	0.001004	0.00008692	66.67	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-12	0.001	0.001	0.01	No	27	0.0009174	0.0002182	66.67	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-13	0.001	0.00088	0.01	No	27	0.0009793	0.0001441	85.19	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-14	0.0012	0.0007	0.01	No	27	0.0009796	0.0001569	81.48	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-15	0.001418	0.0008969	0.01	No	27	0.001323	0.0005914	18.52	Kaplan-Meier	sqrt(x)	0.01	Param.
Arsenic (mg/L)	SGWC-16	0.001	0.00055	0.01	No	27	0.0009415	0.0001722	88.89	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-17	0.001	0.00075	0.01	No	27	0.0009344	0.0001626	77.78	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-18	0.002812	0.001697	0.01	No	28	0.002255	0.001194	3.571	None	No	0.01	Param.
Arsenic (mg/L)	SGWC-19	0.001	0.00068	0.01	No	27	0.0009726	0.00009971	92.59	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-20	0.001	0.00051	0.01	No	27	0.0008593	0.0003362	40.74	None	No	0.01	NP (normality)
Arsenic (mg/L)	SGWC-21	0.001	0.00076	0.01	No	27	0.0009911	0.00004619	96.3	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-22	0.001	0.00089	0.01	No	27	0.0008863	0.0002378	77.78	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-23	0.001	0.00079	0.01	No	27	0.0009778	0.00008386	92.59	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-39S	0.0019	0.00028	0.01	No	8	0.001023	0.000435	75	None	No	0.004	NP (NDs)
Arsenic (mg/L)	PZ-42I	0.001	0.00049	0.01	No	8	0.0009363	0.0001803	87.5	None	No	0.004	NP (NDs)
Arsenic (mg/L)	PZ-69I	0.001	0.00059	0.01	No	7	0.0008614	0.0001786	57.14	None	No	0.008	NP (NDs)
Barium (mg/L)	SGWC-6	0.1217	0.08184	2	No	27	0.1018	0.04181	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-7	0.2833	0.2455	2	No	27	0.2644	0.03964	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-8	0.1843	0.1584	2	No	27	0.1713	0.02713	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-9	0.06263	0.05144	2	No	27	0.05703	0.01173	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-10	0.03381	0.02891	2	No	27	0.03136	0.005133	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-11	0.045	0.038	2	No	27	0.04371	0.008632	0	None	No	0.01	NP (normality)
Barium (mg/L)	SGWC-12	0.05602	0.04387	2	No	27	0.04994	0.01273	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-13	0.03663	0.02986	2	No	27	0.03324	0.007102	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-14	0.05589	0.04713	2	No	27	0.05151	0.009175	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-15	0.03603	0.03016	2	No	27	0.03309	0.006152	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-16	0.03285	0.02265	2	No	27	0.02851	0.01158	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	SGWC-17	0.02465	0.02052	2	No	27	0.02259	0.004338	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-18	0.02107	0.01416	2	No	28	0.0182	0.007827	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	SGWC-19	0.03767	0.03005	2	No	27	0.03386	0.007985	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-20	0.03051	0.0236	2	No	27	0.02741	0.007686	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	SGWC-21	0.12	0.092	2	No	27	0.1034	0.01406	0	None	No	0.01	NP (normality)
Barium (mg/L)	SGWC-22	0.08756	0.07867	2	No	27	0.08311	0.009323	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-23	0.085	0.06	2	No	27	0.07228	0.01372	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-13S	0.04993	0.04236	2	No	7	0.04614	0.003185	0	None	No	0.01	Param.
Barium (mg/L)	PZ-14S	0.03683	0.03229	2	No	9	0.03456	0.002351	0	None	No	0.01	Param.
Barium (mg/L)	PZ-17I	0.06477	0.05523	2	No	8	0.06	0.004504	0	None	No	0.01	Param.
Barium (mg/L)	PZ-39S	0.0445	0.03421	2	No	8	0.03875	0.007924	0	None	x^4	0.01	Param.
Barium (mg/L)	PZ-40I	0.089	0.033	2	No	8	0.04563	0.01888	0	None	No	0.004	NP (normality)
Barium (mg/L)	PZ-41S	0.059	0.023	2	No	9	0.02922	0.01149	0	None	No	0.002	NP (normality)
Barium (mg/L)	PZ-42I	0.1	0.047	2	No	8	0.05725	0.01746	0	None	No	0.004	NP (normality)
Barium (mg/L)	PZ-43S	0.12	0.07	2	No	8	0.0805	0.01663	0	None	No	0.004	NP (normality)

Appendix IV Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	PZ-44I	0.014	0.0078	2	No	8	0.009475	0.002025	0	None	No	0.004	NP (normality)
Barium (mg/L)	PZ-69I	0.1939	0.1376	2	No	7	0.1657	0.0237	0	None	No	0.01	Param.
Beryllium (mg/L)	SGWC-6	0.0025	0.0002	0.004	No	27	0.002415	0.0004426	96.3	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-7	0.0025	0.00033	0.004	No	27	0.00242	0.0004176	96.3	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-8	0.0025	0.0003	0.004	No	27	0.002333	0.000602	92.59	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-10	0.0025	0.00026	0.004	No	27	0.002417	0.0004311	96.3	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-14	0.0025	0.00053	0.004	No	27	0.002342	0.0005716	92.59	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-15	0.00052	0.00038	0.004	No	27	0.0005163	0.0002731	11.11	None	No	0.01	NP (normality)
Beryllium (mg/L)	SGWC-17	0.0025	0.00028	0.004	No	27	0.002418	0.0004272	96.3	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-18	0.0025	0.00035	0.004	No	28	0.00157	0.001094	57.14	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-19	0.0025	0.00022	0.004	No	27	0.001986	0.0009794	77.78	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-20	0.0008241	0.0006656	0.004	No	27	0.0007449	0.0001661	0	None	No	0.01	Param.
Beryllium (mg/L)	SGWC-22	0.0025	0.00033	0.004	No	27	0.00242	0.0004176	96.3	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-6	0.0025	0.00022	0.005	No	26	0.002412	0.0004471	96.15	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-8	0.0025	0.00031	0.005	No	26	0.002416	0.0004295	96.15	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-11	0.0025	0.00022	0.005	No	26	0.002412	0.0004471	96.15	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-14	0.0025	0.00057	0.005	No	26	0.002058	0.0009276	80.77	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-15	0.00047	0.00027	0.005	No	26	0.0009906	0.001028	30.77	None	No	0.01	NP (normality)
Cadmium (mg/L)	SGWC-18	0.0025	0.00032	0.005	No	26	0.001717	0.001099	65.38	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-19	0.0025	0.00036	0.005	No	26	0.002325	0.000618	92.31	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-20	0.0025	0.00015	0.005	No	26	0.002041	0.0009584	80.77	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-21	0.0025	0.00039	0.005	No	26	0.002419	0.0004138	96.15	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-7	0.002	0.002	0.1	No	27	0.002	0.0001664	88.89	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-8	0.0023	0.0016	0.1	No	27	0.004107	0.01021	48.15	None	No	0.01	NP (normality)
Chromium (mg/L)	SGWC-9	0.0039	0.0017	0.1	No	27	0.002059	0.0003724	92.59	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-10	0.002	0.0012	0.1	No	27	0.00197	0.000154	96.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-12	0.0023	0.002	0.1	No	27	0.002011	0.00005774	96.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-13	0.002	0.0017	0.1	No	27	0.001989	0.00005774	96.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-14	0.002	0.0016	0.1	No	27	0.001993	0.000998	62.96	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-15	0.03472	0.03257	0.1	No	27	0.03364	0.002252	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-16	0.01225	0.01041	0.1	No	27	0.01133	0.001929	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-17	0.007298	0.004902	0.1	No	27	0.0061	0.002511	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-18	0.009957	0.007939	0.1	No	28	0.009161	0.002491	0	None	ln(x)	0.01	Param.
Chromium (mg/L)	SGWC-19	0.0157	0.01439	0.1	No	27	0.01504	0.00137	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-20	0.0022	0.0016	0.1	No	27	0.001915	0.0003022	77.78	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-21	0.002	0.002	0.1	No	27	0.00193	0.0002072	77.78	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-22	0.0022	0.0015	0.1	No	27	0.001889	0.0004526	59.26	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-23	0.001813	0.00136	0.1	No	27	0.001889	0.0004309	33.33	Kaplan-Meier	No	0.01	Param.
Chromium (mg/L)	PZ-13S	0.00419	0.002467	0.1	No	7	0.003329	0.0007251	0	None	No	0.01	Param.
Chromium (mg/L)	PZ-14S	0.002604	0.001752	0.1	No	9	0.002178	0.000441	0	None	No	0.01	Param.
Chromium (mg/L)	PZ-17I	0.004322	0.002803	0.1	No	8	0.003563	0.000717	0	None	No	0.01	Param.
Chromium (mg/L)	PZ-39S	0.03004	0.01138	0.1	No	8	0.02071	0.008801	0	None	No	0.01	Param.
Chromium (mg/L)	PZ-41S	0.0059	0.00125	0.1	No	9	0.005128	0.001493	11.11	None	No	0.002	NP (normality)
Chromium (mg/L)	PZ-42I	0.003	0.0012	0.1	No	8	0.002025	0.0004833	75	None	No	0.004	NP (NDs)
Chromium (mg/L)	PZ-43S	0.002	0.0012	0.1	No	8	0.0019	0.0002828	50	None	No	0.004	NP (normality)
Chromium (mg/L)	PZ-44I	0.0046	0.0013	0.1	No	8	0.002238	0.0009855	75	None	No	0.004	NP (NDs)
Cobalt (mg/L)	SGWC-6	0.0025	0.0016	0.006	No	27	0.002046	0.001083	48.15	None	No	0.01	NP (normality)
Cobalt (mg/L)	SGWC-7	0.008606	0.003681	0.006	No	27	0.006144	0.005163	0	None	No	0.01	Param.
Cobalt (mg/L)	SGWC-8	0.0025	0.0012	0.006	No	27	0.001977	0.0009328	70.37	None	No	0.01	NP (NDs)
Cobalt (mg/L)	SGWC-9	0.013	0.00072	0.006	No	27	0.007037	0.006034	0	None	No	0.01	NP (normality)
Cobalt (mg/L)	**SGWC-10**	**0.02975**	**0.02249**	**0.006**	**Yes**	**27**	**0.02612**	**0.007607**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-11**	**0.02648**	**0.02085**	**0.006**	**Yes**	**27**	**0.02367**	**0.005903**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-12	0.003441	0.002142	0.006	No	27	0.002791	0.001362	0	None	No	0.01	Param.
Cobalt (mg/L)	SGWC-13	0.0073	0.0019	0.006	No	27	0.004444	0.003599	0	None	No	0.01	NP (normality)
Cobalt (mg/L)	**SGWC-14**	**0.01095**	**0.007151**	**0.006**	**Yes**	**27**	**0.00905**	**0.003981**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-15**	**0.2731**	**0.2552**	**0.006**	**Yes**	**27**	**0.2641**	**0.01872**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-16	0.005219	0.003843	0.006	No	27	0.004616	0.001552	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	SGWC-17	0.0007	0.00043	0.006	No	27	0.0006174	0.0003008	14.81	None	No	0.01	NP (normality)
Cobalt (mg/L)	**SGWC-18**	**0.1383**	**0.09971**	**0.006**	**Yes**	**28**	**0.119**	**0.04127**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-19	0.0025	0.00049	0.006	No	27	0.001653	0.001058	59.26	None	No	0.01	NP (NDs)

Appendix IV Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**SGWC-20**	**0.1984**	**0.1464**	**0.006**	**Yes**	**27**	**0.1724**	**0.05452**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-21	0.0025	0.00017	0.006	No	27	0.001804	0.001093	70.37	None	No	0.01	NP (NDs)
Cobalt (mg/L)	SGWC-22	0.002666	0.001431	0.006	No	27	0.002203	0.001448	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	SGWC-23	0.0025	0.00013	0.006	No	27	0.002412	0.0004561	96.3	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-13S	0.006288	0.004752	0.006	No	10	0.00552	0.0008613	0	None	No	0.01	Param.
Cobalt (mg/L)	PZ-14S	0.0025	0.00019	0.006	No	11	0.0006891	0.0008994	18.18	None	No	0.006	NP (normality)
Cobalt (mg/L)	PZ-39S	0.0025	0.00028	0.006	No	10	0.001415	0.001146	50	None	No	0.011	NP (normality)
Cobalt (mg/L)	PZ-40I	0.003835	0.0008346	0.006	No	8	0.002348	0.002243	0	None	ln(x)	0.01	Param.
Cobalt (mg/L)	PZ-41S	0.002096	0.0003762	0.006	No	11	0.001616	0.002558	9.091	None	ln(x)	0.01	Param.
Cobalt (mg/L)	PZ-42I	0.002213	0.0002301	0.006	No	8	0.001349	0.002078	12.5	None	ln(x)	0.01	Param.
Cobalt (mg/L)	PZ-43S	0.0025	0.00097	0.006	No	10	0.002732	0.002213	70	None	No	0.011	NP (NDs)
Cobalt (mg/L)	PZ-44I	0.00246	0.00154	0.006	No	8	0.002	0.0004342	0	None	No	0.01	Param.
Cobalt (mg/L)	PZ-69I	0.00319	0.001582	0.006	No	7	0.002386	0.0006768	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-6	0.3692	0.1624	5	No	27	0.2658	0.2168	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-7	0.4923	0.2802	5	No	27	0.3863	0.2224	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-8	2.378	1.837	5	No	27	2.108	0.5677	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-9	0.3622	0.1554	5	No	27	0.2588	0.2167	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-10	0.47	0.102	5	No	27	0.3223	0.3372	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-11	0.508	0.1896	5	No	27	0.3488	0.3338	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-12	0.4349	0.1765	5	No	27	0.3057	0.2708	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-13	0.4293	0.2022	5	No	27	0.3157	0.238	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-14	0.3383	0.09009	5	No	27	0.2142	0.2601	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-15	0.4903	0.2877	5	No	27	0.389	0.2124	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-16	0.3383	0.1269	5	No	27	0.2326	0.2215	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-17	0.3762	0.1905	5	No	27	0.2833	0.1946	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-18	0.433	0.139	5	No	28	0.3213	0.3402	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-19	0.419	0.114	5	No	27	0.2724	0.3349	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-20	0.513	0.2486	5	No	27	0.3808	0.2772	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-21	0.593	0.239	5	No	27	0.5284	0.4825	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-22	0.4434	0.1654	5	No	27	0.3587	0.3835	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-23	0.5986	0.3623	5	No	27	0.4805	0.2476	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-13S	0.2311	-0.0771	5	No	7	0.077	0.1297	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-14S	0.4233	0.1213	5	No	9	0.2723	0.1564	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-17I	1.972	-0.001201	5	No	9	0.89	1.865	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-39S	0.535	-0.002713	5	No	8	0.2662	0.2537	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-40I	1.477	0.1771	5	No	8	0.8269	0.613	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-41S	0.4964	-0.06232	5	No	9	0.217	0.2893	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-42I	0.8268	0.1377	5	No	8	0.4663	0.3925	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-43S	0.9349	0.07654	5	No	8	0.4794	0.506	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-44I	1.026	-0.001786	5	No	8	0.3456	0.4649	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-69I	0.8086	0.07166	5	No	7	0.4401	0.3102	0	None	No	0.01	Param.
Fluoride (mg/L)	SGWC-6	0.1219	0.09328	4	No	28	0.1398	0.04474	17.86	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	SGWC-7	0.2239	0.1779	4	No	28	0.2009	0.04929	3.571	None	No	0.01	Param.
Fluoride (mg/L)	SGWC-8	0.5239	0.372	4	No	28	0.459	0.1766	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	SGWC-9	0.09532	0.05954	4	No	28	0.1445	0.0963	42.86	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	SGWC-10	0.2	0.047	4	No	28	0.1704	0.06474	82.14	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-11	0.2	0.08	4	No	28	0.1739	0.05762	82.14	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-12	0.08978	0.06377	4	No	28	0.1133	0.05816	25	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	SGWC-13	0.2	0.077	4	No	28	0.1542	0.07077	67.86	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-14	0.2	0.068	4	No	28	0.1535	0.07513	71.43	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-15	0.14	0.11	4	No	28	0.1332	0.0497	10.71	None	No	0.01	NP (normality)
Fluoride (mg/L)	SGWC-16	0.2	0.09	4	No	28	0.1609	0.06992	75	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-17	0.2	0.058	4	No	28	0.1226	0.07246	42.86	None	No	0.01	NP (normality)
Fluoride (mg/L)	SGWC-18	0.2	0.099	4	No	29	0.1528	0.06689	62.07	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-19	0.2	0.18	4	No	28	0.1763	0.05749	82.14	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-20	0.2371	0.1664	4	No	28	0.2018	0.07564	10.71	None	No	0.01	Param.
Fluoride (mg/L)	SGWC-21	0.2	0.079	4	No	28	0.1278	0.0585	35.71	None	No	0.01	NP (normality)
Fluoride (mg/L)	SGWC-22	0.2	0.1	4	No	28	0.1573	0.06995	71.43	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-23	0.2	0.052	4	No	28	0.1173	0.06999	39.29	None	No	0.01	NP (normality)
Fluoride (mg/L)	PZ-13S	0.2	0.042	4	No	7	0.1587	0.07094	71.43	None	No	0.008	NP (NDs)

Appendix IV Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	PZ-14S	0.2	0.029	4	No	9	0.1636	0.0724	77.78	None	No	0.002	NP (NDs)
Fluoride (mg/L)	PZ-17I	0.2	0.028	4	No	8	0.1219	0.08382	50	None	No	0.004	NP (normality)
Fluoride (mg/L)	PZ-39S	0.2	0.04	4	No	8	0.129	0.07721	50	None	No	0.004	NP (normality)
Fluoride (mg/L)	PZ-40I	0.2	0.036	4	No	8	0.1604	0.07343	75	None	No	0.004	NP (NDs)
Fluoride (mg/L)	PZ-41S	0.2	0.035	4	No	9	0.1661	0.06754	77.78	None	No	0.002	NP (NDs)
Fluoride (mg/L)	PZ-42I	0.07964	0.03768	4	No	8	0.1114	0.07525	37.5	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	PZ-43S	0.2	0.028	4	No	8	0.1384	0.08514	62.5	Kaplan-Meier	No	0.004	NP (NDs)
Fluoride (mg/L)	PZ-44I	0.2	0.031	4	No	8	0.1581	0.07754	75	Kaplan-Meier	No	0.004	NP (NDs)
Fluoride (mg/L)	PZ-69I	0.21	0.083	4	No	7	0.1614	0.05574	42.86	None	No	0.008	NP (normality)
Lead (mg/L)	SGWC-6	0.001	0.00054	0.015	No	27	0.0009533	0.0001746	92.59	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-7	0.001	0.00085	0.015	No	27	0.0009311	0.0002284	88.89	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-8	0.001	0.00062	0.015	No	27	0.0009596	0.0001525	92.59	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-10	0.001	0.00014	0.015	No	27	0.0009037	0.0002776	88.89	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-12	0.001	0.0002	0.015	No	27	0.0009704	0.000154	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-13	0.001	0.00039	0.015	No	27	0.0009544	0.0001641	92.59	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-14	0.001	0.00066	0.015	No	27	0.0009296	0.0002154	88.89	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-15	0.001	0.00023	0.015	No	27	0.0009715	0.0001482	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-16	0.001	0.00013	0.015	No	27	0.0009678	0.0001674	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-17	0.001	0.00017	0.015	No	27	0.0009693	0.0001597	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-18	0.001	0.00071	0.015	No	28	0.0009643	0.000143	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-19	0.001	0.00033	0.015	No	27	0.0009752	0.0001289	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-20	0.001	0.00027	0.015	No	27	0.000657	0.0003682	51.85	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-21	0.001	0.00041	0.015	No	27	0.0009622	0.0008186	74.07	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-22	0.001	0.00019	0.015	No	27	0.0008463	0.0003286	81.48	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-23	0.001	0.00009	0.015	No	27	0.0009663	0.0001751	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-13S	0.001	0.00069	0.015	No	7	0.0009557	0.0001172	85.71	None	No	0.008	NP (NDs)
Lead (mg/L)	PZ-42I	0.001	0.00019	0.015	No	8	0.0008988	0.0002864	87.5	None	No	0.004	NP (NDs)
Lithium (mg/L)	SGWC-6	0.005	0.0046	0.04	No	27	0.004711	0.0008746	85.19	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-7	0.005198	0.004061	0.04	No	27	0.00463	0.001192	3.704	None	No	0.01	Param.
Lithium (mg/L)	SGWC-8	0.005	0.0023	0.04	No	27	0.00407	0.001477	70.37	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-9	0.005	0.0014	0.04	No	27	0.004867	0.0006928	96.3	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-10	0.005	0.0011	0.04	No	27	0.004856	0.0007506	96.3	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-11	0.005	0.0031	0.04	No	27	0.004144	0.001332	59.26	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-12	0.005	0.0012	0.04	No	27	0.004715	0.001028	92.59	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-13	0.005	0.0026	0.04	No	27	0.004544	0.00114	85.19	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-14	0.005	0.0035	0.04	No	27	0.004563	0.001126	85.19	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-15	0.005	0.0034	0.04	No	27	0.004126	0.000969	48.15	None	No	0.01	NP (normality)
Lithium (mg/L)	SGWC-16	0.005	0.0038	0.04	No	27	0.004685	0.0009894	88.89	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-17	0.005	0.0014	0.04	No	27	0.004867	0.0006928	96.3	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-18	0.00465	0.003707	0.04	No	28	0.004629	0.0009083	25	Kaplan-Meier	No	0.01	Param.
Lithium (mg/L)	SGWC-19	0.0072	0.0027	0.04	No	27	0.005293	0.003233	70.37	Kaplan-Meier	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-20	0.004603	0.003523	0.04	No	27	0.004063	0.001133	14.81	None	No	0.01	Param.
Lithium (mg/L)	SGWC-21	0.005	0.0038	0.04	No	27	0.004411	0.001221	77.78	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-22	0.005	0.0033	0.04	No	27	0.004436	0.00127	81.48	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-23	0.005	0.0034	0.04	No	27	0.004144	0.0009846	40.74	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-13S	0.005	0.0023	0.04	No	7	0.004014	0.001267	57.14	None	No	0.008	NP (NDs)
Lithium (mg/L)	PZ-14S	0.005	0.0015	0.04	No	11	0.0039	0.0016	63.64	None	No	0.006	NP (NDs)
Lithium (mg/L)	PZ-17I	0.005	0.0016	0.04	No	8	0.004162	0.001551	75	None	No	0.004	NP (NDs)
Lithium (mg/L)	PZ-39S	0.01448	0.002234	0.04	No	8	0.008062	0.006614	12.5	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	PZ-40I	0.01349	0.008107	0.04	No	8	0.0108	0.002541	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-41S	0.0057	0.00099	0.04	No	9	0.004399	0.001489	66.67	None	No	0.002	NP (NDs)
Lithium (mg/L)	PZ-42I	0.028	0.0025	0.04	No	8	0.007187	0.008518	12.5	None	No	0.004	NP (normality)
Lithium (mg/L)	PZ-43S	0.004556	0.002344	0.04	No	8	0.003837	0.001203	25	Kaplan-Meier	No	0.01	Param.
Lithium (mg/L)	PZ-44I	0.03617	0.008255	0.04	No	12	0.02342	0.02114	8.333	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	PZ-69I	0.005	0.0025	0.04	No	7	0.003929	0.0012	42.86	None	No	0.008	NP (normality)
Mercury (mg/L)	SGWC-6	0.0002	0.00011	0.002	No	27	0.0001967	0.00001732	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-7	0.0002	0.00011	0.002	No	27	0.0001967	0.00001732	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-8	0.0002	0.000076	0.002	No	27	0.0001954	0.00002386	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-9	0.0002	0.0001	0.002	No	27	0.0001963	0.00001925	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-10	0.0002	0.00013	0.002	No	27	0.0001974	0.00001347	96.3	None	No	0.01	NP (NDs)

Appendix IV Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	SGWC-11	0.0002	0.0001	0.002	No	27	0.0001963	0.00001925	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-12	0.0002	0.000093	0.002	No	27	0.000196	0.00002059	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-13	0.0002	0.00011	0.002	No	27	0.0001967	0.00001732	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-14	0.0002	0.00012	0.002	No	27	0.0001848	0.00003755	81.48	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-15	0.0002	0.00012	0.002	No	27	0.000155	0.00004467	40.74	None	No	0.01	NP (normality)
Mercury (mg/L)	SGWC-16	0.0002	0.000076	0.002	No	27	0.0001954	0.00002386	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-17	0.0002	0.00017	0.002	No	27	0.0001814	0.00003788	77.78	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-18	0.0001824	0.0001241	0.002	No	28	0.0001814	0.00004614	39.29	Kaplan-Meier	x^3	0.01	Param.
Mercury (mg/L)	SGWC-20	0.0002	0.00013	0.002	No	27	0.0001883	0.00003468	88.89	Kaplan-Meier	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-21	0.0002	0.0001	0.002	No	27	0.0001963	0.00001925	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-22	0.0002	0.000099	0.002	No	27	0.0001963	0.00001944	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-23	0.0002	0.00011	0.002	No	27	0.0001915	0.00003788	85.19	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-13S	0.0004163	0.00009181	0.002	No	7	0.0002409	0.0002042	0	None	ln(x)	0.01	Param.
Mercury (mg/L)	PZ-44I	0.0002	0.000084	0.002	No	8	0.0001855	0.00004101	87.5	None	No	0.004	NP (NDs)
Molybdenum (mg/L)	SGWC-6	0.015	0.00099	0.1	No	26	0.01391	0.003847	92.31	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-7	0.0033	0.0012	0.1	No	26	0.004209	0.005416	19.23	None	No	0.01	NP (normality)
Molybdenum (mg/L)	SGWC-8	0.015	0.0008	0.1	No	26	0.0139	0.003868	92.31	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-9	0.015	0.001	0.1	No	26	0.01016	0.006788	65.38	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-12	0.015	0.0012	0.1	No	26	0.01393	0.003764	92.31	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-14	0.015	0.003	0.1	No	26	0.01399	0.003572	92.31	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-23	0.015	0.00062	0.1	No	26	0.01445	0.00282	96.15	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-39S	0.0075	0.00087	0.1	No	7	0.001994	0.002431	14.29	None	No	0.008	NP (normality)
Molybdenum (mg/L)	PZ-40I	0.015	0.00079	0.1	No	7	0.01297	0.005371	85.71	None	No	0.008	NP (NDs)
Molybdenum (mg/L)	PZ-42I	0.00859	0.005478	0.1	No	7	0.007	0.001374	0	None	sqrt(x)	0.01	Param.
Molybdenum (mg/L)	PZ-69I	0.015	0.00069	0.1	No	7	0.007043	0.00745	42.86	None	No	0.008	NP (normality)
Selenium (mg/L)	SGWC-6	0.005	0.00057	0.05	No	27	0.00449	0.00147	88.89	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-7	0.005	0.00034	0.05	No	27	0.004827	0.0008968	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-11	0.005	0.00046	0.05	No	27	0.004832	0.0008737	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-12	0.005	0.00031	0.05	No	27	0.004826	0.0009026	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-13	0.005	0.00064	0.05	No	27	0.004664	0.00121	92.59	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-14	0.005	0.00084	0.05	No	27	0.004685	0.001135	92.59	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-15	0.005	0.0021	0.05	No	27	0.0044	0.002423	51.85	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-16	0.005	0.0013	0.05	No	27	0.003718	0.001864	66.67	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-17	0.005	0.00064	0.05	No	27	0.004487	0.001479	88.89	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-18	0.007215	0.003178	0.05	No	28	0.007137	0.007397	10.71	None	ln(x)	0.01	Param.
Selenium (mg/L)	SGWC-19	0.005	0.00099	0.05	No	27	0.004373	0.001534	85.19	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-20	0.005	0.00396	0.05	No	27	0.004054	0.001694	66.67	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-23	0.005	0.00075	0.05	No	27	0.004317	0.001672	85.19	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-17I	0.005	0.00047	0.05	No	8	0.004434	0.001602	87.5	None	No	0.004	NP (NDs)
Selenium (mg/L)	PZ-39S	0.001965	0.00105	0.05	No	8	0.002425	0.001629	25	Kaplan-Meier	ln(x)	0.01	Param.
Selenium (mg/L)	PZ-40I	0.005	0.00059	0.05	No	8	0.004449	0.001559	87.5	Kaplan-Meier	No	0.004	NP (NDs)
Selenium (mg/L)	PZ-41S	0.007043	0.005179	0.05	No	9	0.006111	0.0009649	0	None	No	0.01	Param.
Selenium (mg/L)	PZ-42I	0.005	0.00026	0.05	No	8	0.004407	0.001676	87.5	None	No	0.004	NP (NDs)
Selenium (mg/L)	PZ-44I	0.005	0.00046	0.05	No	8	0.004432	0.001605	87.5	None	No	0.004	NP (NDs)
Thallium (mg/L)	SGWC-6	0.001	0.00049	0.002	No	27	0.0008952	0.0002604	85.19	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-7	0.001	0.00042	0.002	No	27	0.0009496	0.0001836	92.59	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-8	0.001	0.00079	0.002	No	27	0.0009048	0.0002524	85.19	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-9	0.001	0.0004	0.002	No	27	0.0009507	0.0001784	92.59	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-10	0.001	0.00075	0.002	No	27	0.0009293	0.0002249	88.89	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-11	0.001	0.00016	0.002	No	27	0.0009374	0.0002255	92.59	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-12	0.001	0.00034	0.002	No	27	0.000947	0.0001914	92.59	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-13	0.001	0.00022	0.002	No	27	0.0009711	0.0001501	96.3	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-14	0.001	0.00035	0.002	No	27	0.0009185	0.0002492	85.19	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-15	0.001	0.00016	0.002	No	27	0.0006612	0.0004231	59.26	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-17	0.001	0.00024	0.002	No	27	0.0009719	0.0001463	96.3	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-18	0.00068	0.00016	0.002	No	28	0.0004791	0.0003889	32.14	None	No	0.01	NP (normality)
Thallium (mg/L)	SGWC-20	0.00033	0.00017	0.002	No	27	0.0004267	0.000382	29.63	None	No	0.01	NP (normality)
Thallium (mg/L)	SGWC-22	0.001	0.00038	0.002	No	27	0.000977	0.0001193	96.3	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-23	0.001	0.00016	0.002	No	27	0.0009689	0.0001617	96.3	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-41S	0.001	0.00034	0.002	No	9	0.0009267	0.00022	88.89	None	No	0.002	NP (NDs)

Appendix IV Trend Tests - Confidence Interval Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 4:12 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Cobalt (mg/L)	**SGWA-1 (bg)**	**-0.001701**	**-260**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWA-25 (bg)**	**-0.001657**	**-263**	**-96**	**Yes**	**27**	**14.81**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWC-11**	**-0.002089**	**-234**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWC-18**	**-0.008455**	**-168**	**-101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWC-20**	**-0.01635**	**-213**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**

Appendix IV Trend Tests - Confidence Interval Exceedances - All Results

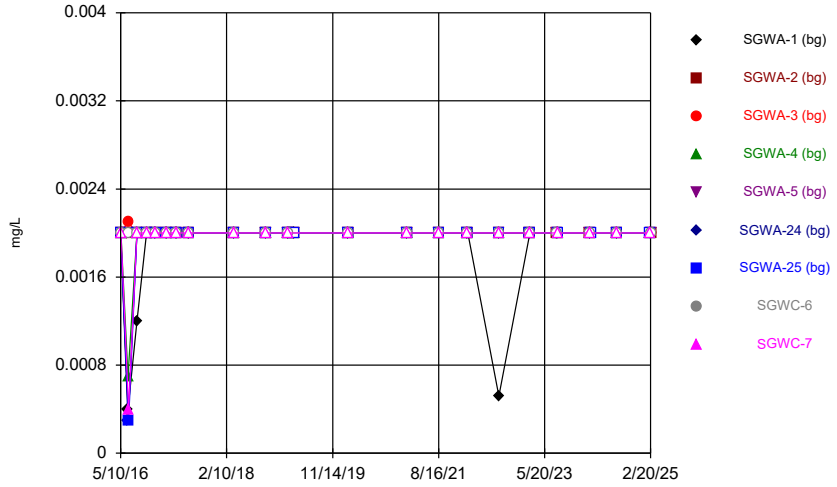
Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 4:12 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Cobalt (mg/L)	**SGWA-1 (bg)**	**-0.001701**	**-260**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	SGWA-2 (bg)	0	13	96	No	27	92.59	n/a	0.05	NP
Cobalt (mg/L)	SGWA-3 (bg)	0	22	96	No	27	96.3	n/a	0.05	NP
Cobalt (mg/L)	SGWA-4 (bg)	0	17	96	No	27	92.59	n/a	0.05	NP
Cobalt (mg/L)	SGWA-5 (bg)	0	0	96	No	27	100	n/a	0.05	NP
Cobalt (mg/L)	SGWA-24 (bg)	0	17	96	No	27	70.37	n/a	0.05	NP
Cobalt (mg/L)	**SGWA-25 (bg)**	**-0.001657**	**-263**	**-96**	**Yes**	**27**	**14.81**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	SGWC-10	0	16	96	No	27	0	n/a	0.05	NP
Cobalt (mg/L)	**SGWC-11**	**-0.002089**	**-234**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	SGWC-14	-0.0002829	-41	-96	No	27	0	n/a	0.05	NP
Cobalt (mg/L)	SGWC-15	-0.001247	-49	-96	No	27	0	n/a	0.05	NP
Cobalt (mg/L)	**SGWC-18**	**-0.008455**	**-168**	**-101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWC-20**	**-0.01635**	**-213**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**

FIGURE A.

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Hollow symbols indicate censored values.

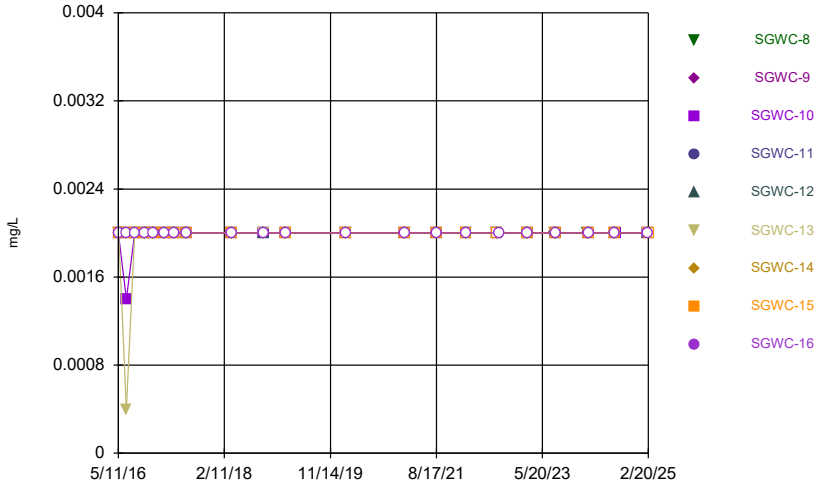
Time Series



Constituent: Antimony Analysis Run 5/12/2025 10:38 AM
Plant Scherer Client: Southern Company Data: Scherer AP

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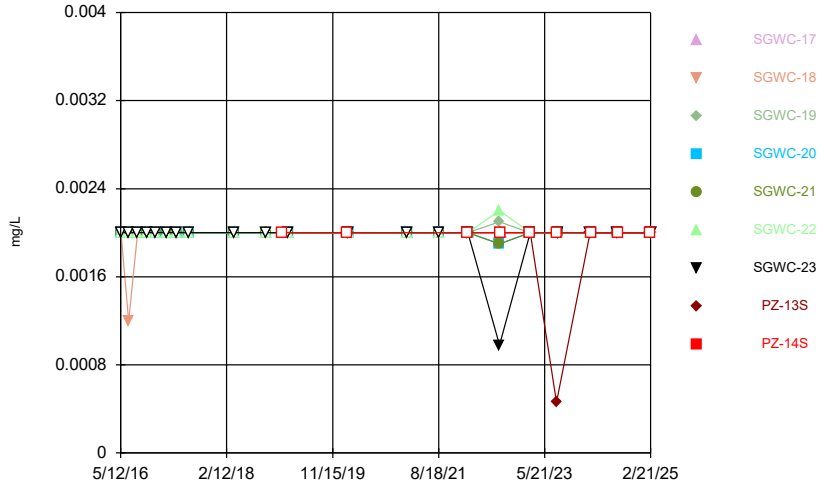
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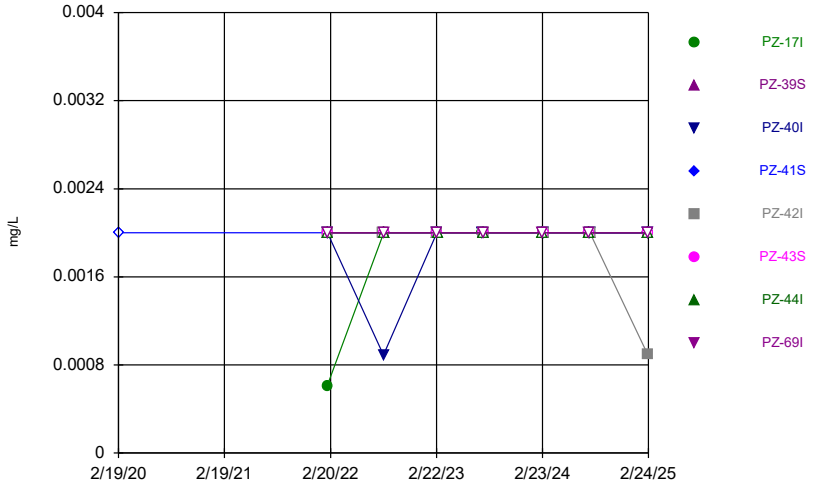
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Plant Scherer Client: Southern Company Data: Scherer AP

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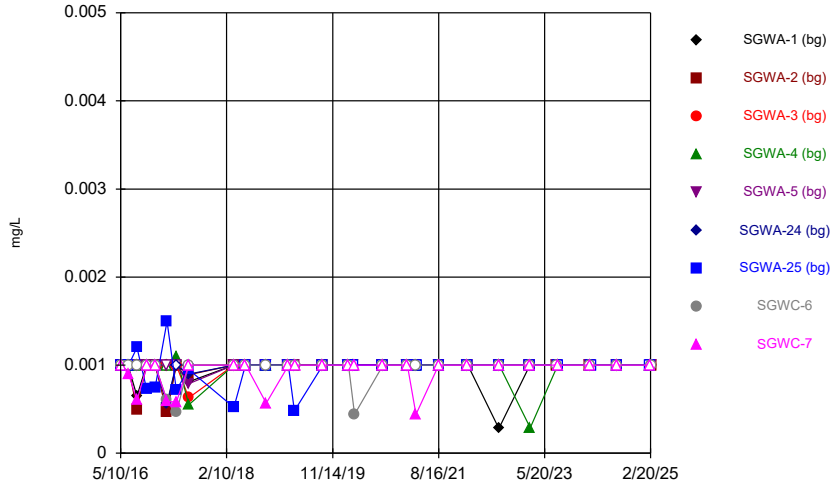
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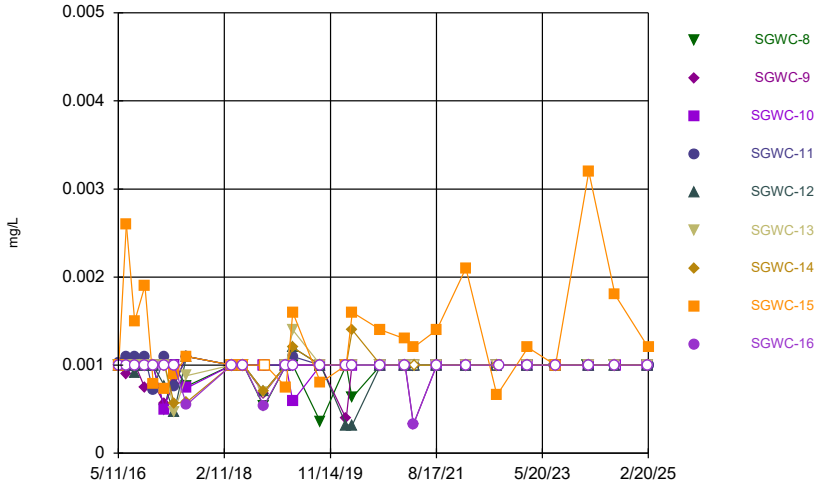
Time Series



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Plant Scherer Client: Southern Company Data: Scherer AP

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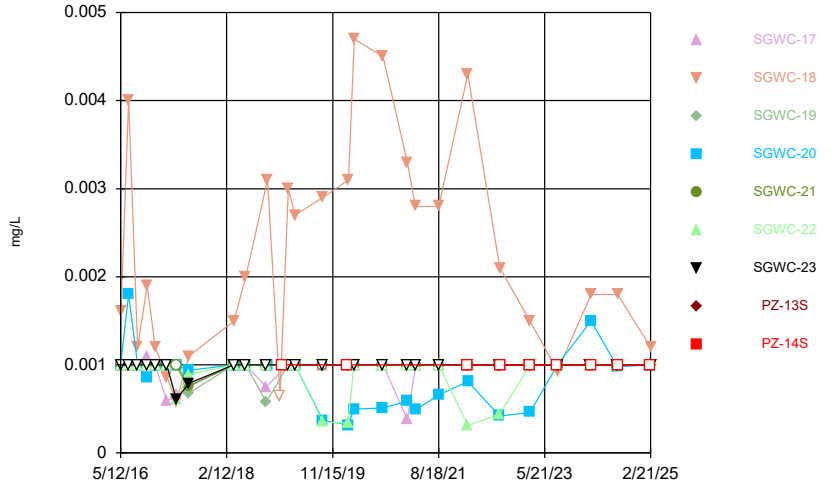
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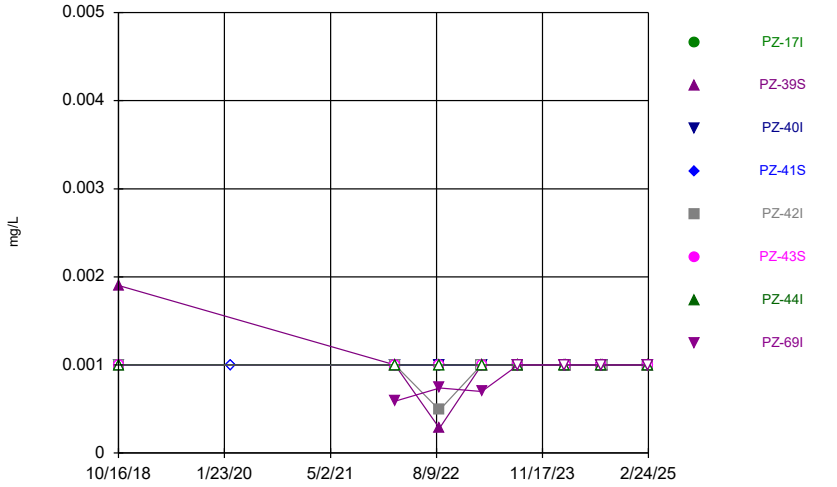
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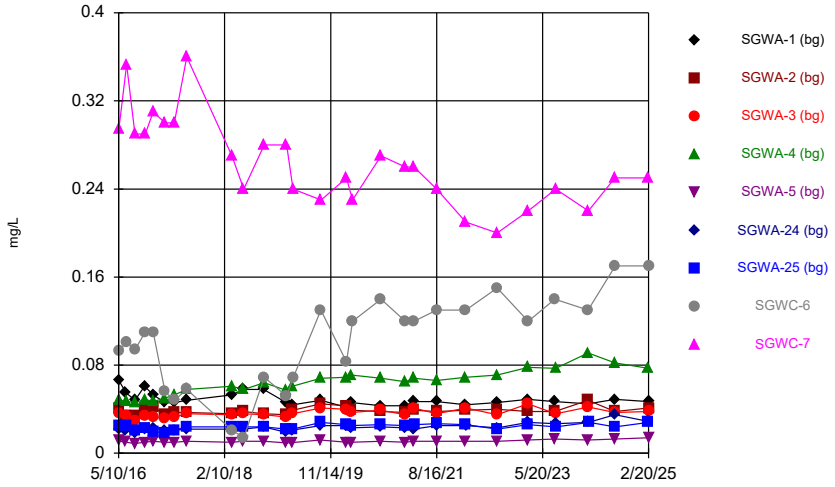
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Time Series

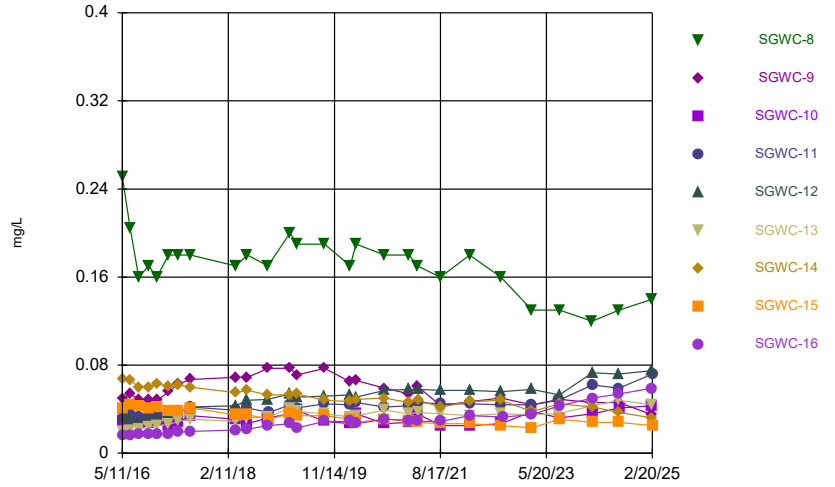


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Plant Scherer Client: Southern Company Data: Scherer AP

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Time Series

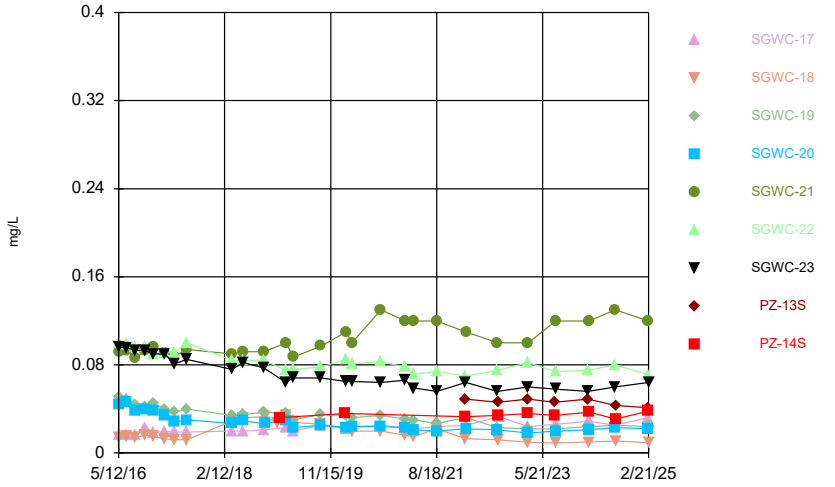


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Time Series

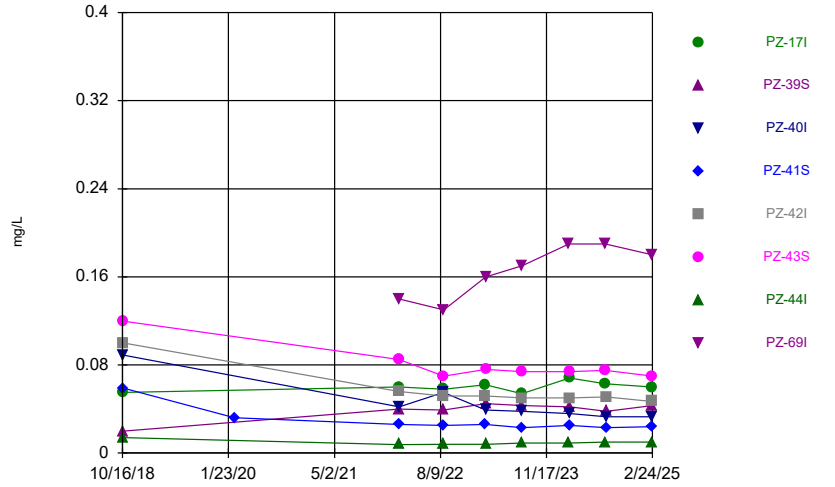


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Time Series

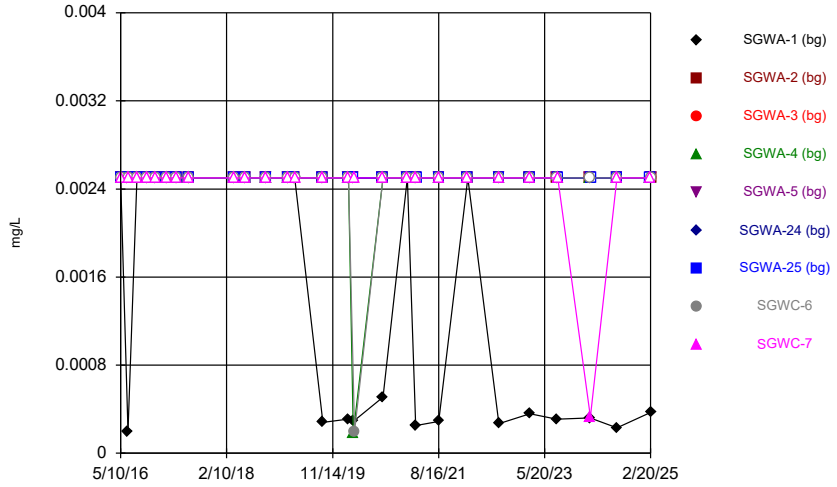


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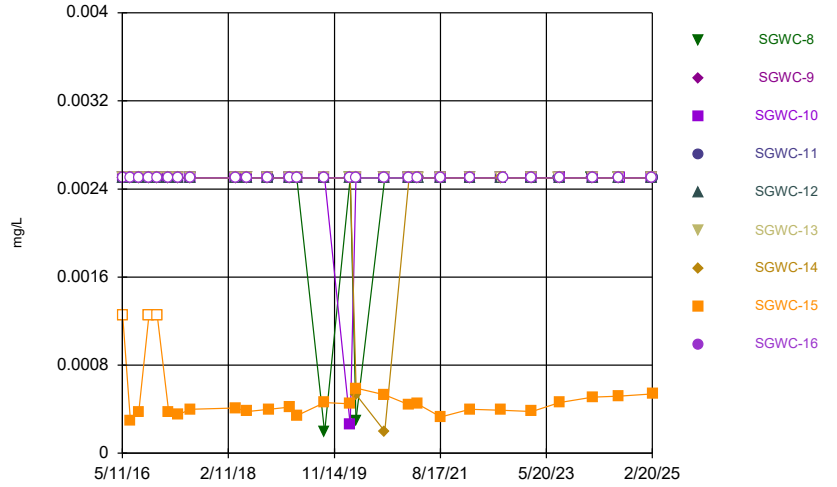
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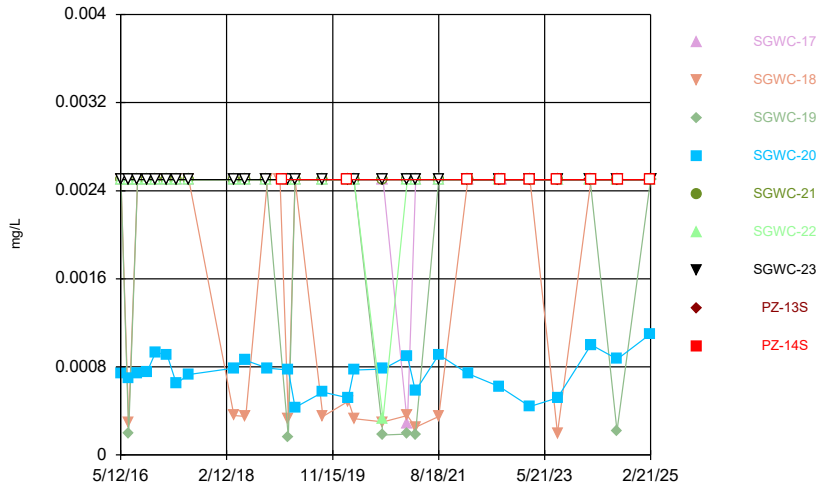
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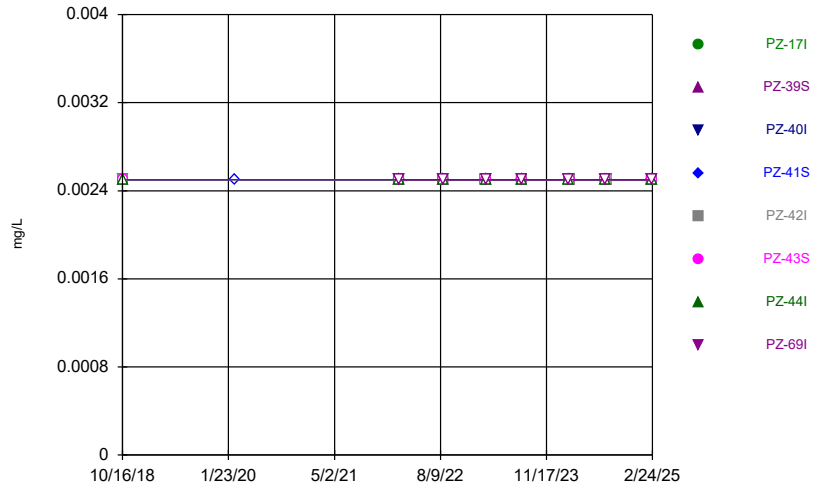
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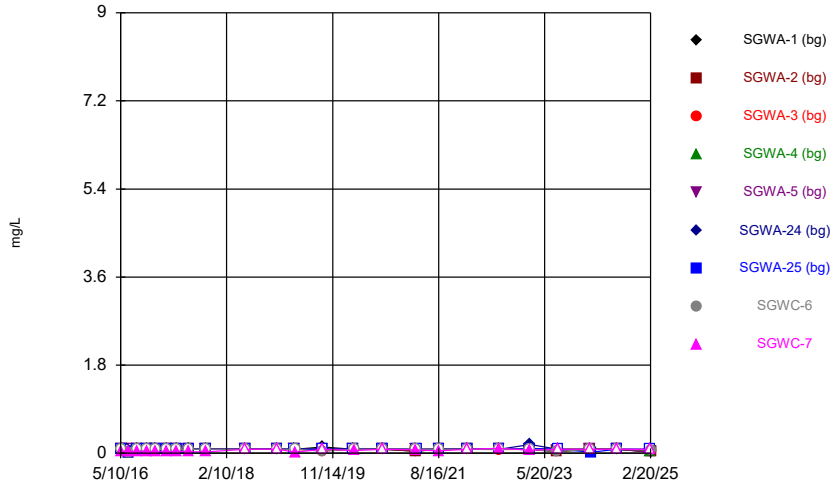
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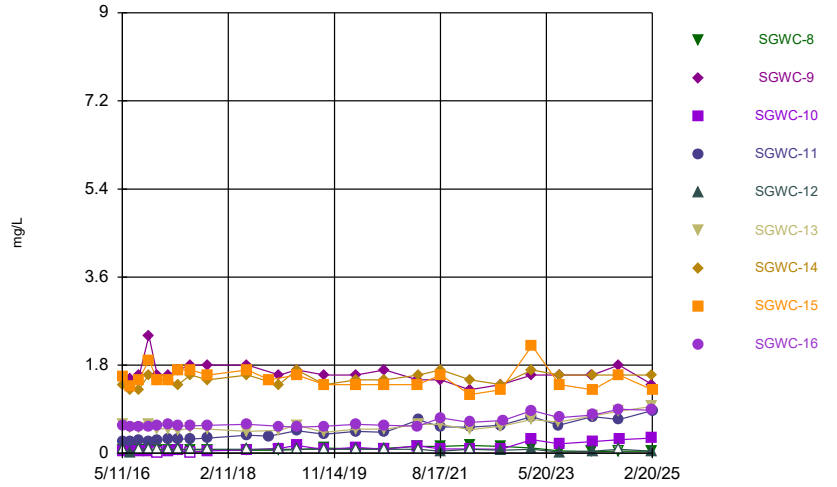
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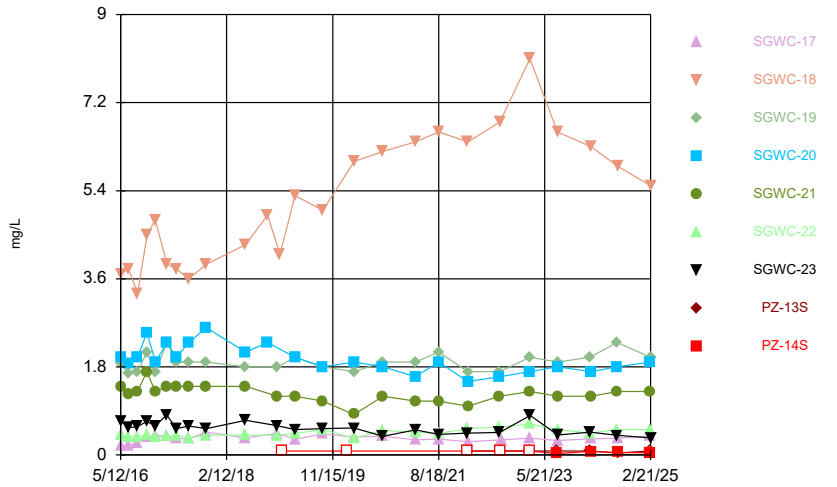
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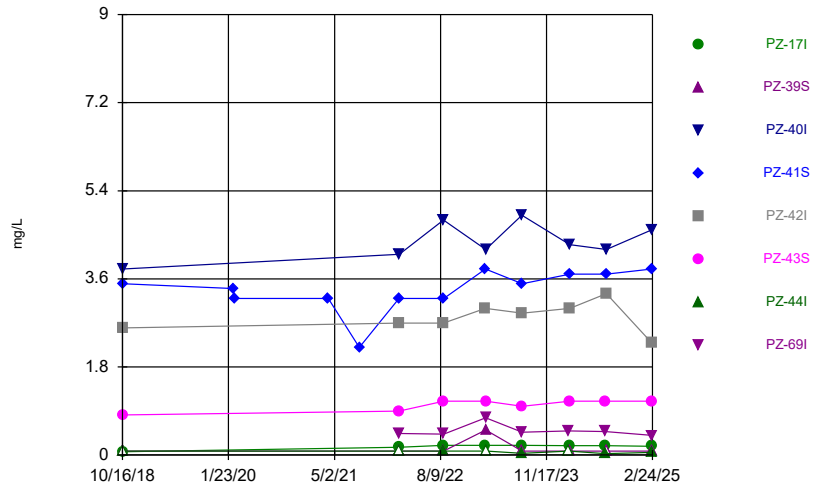
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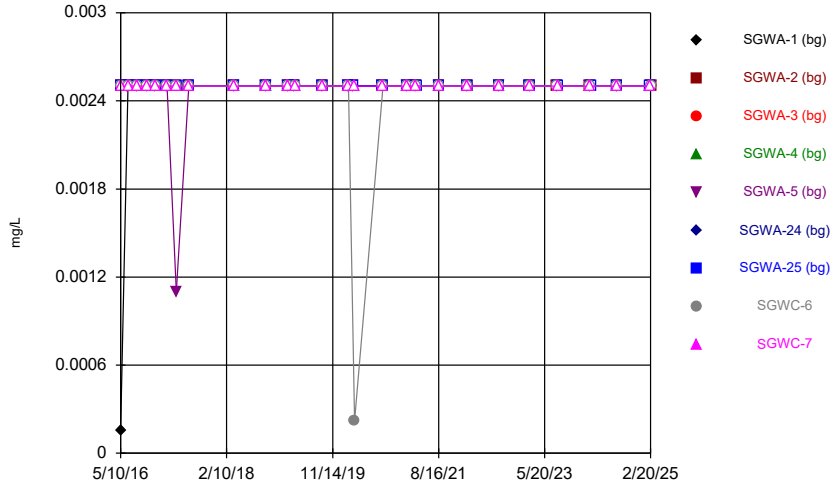
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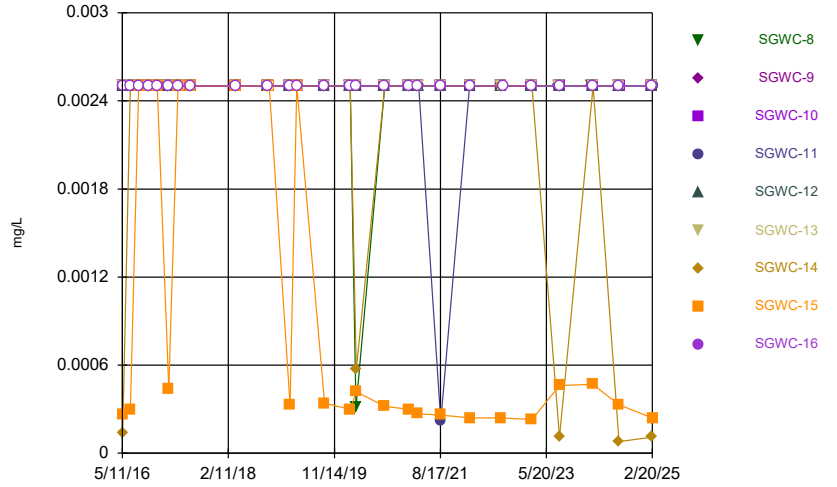
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Constituent: Cadmium Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

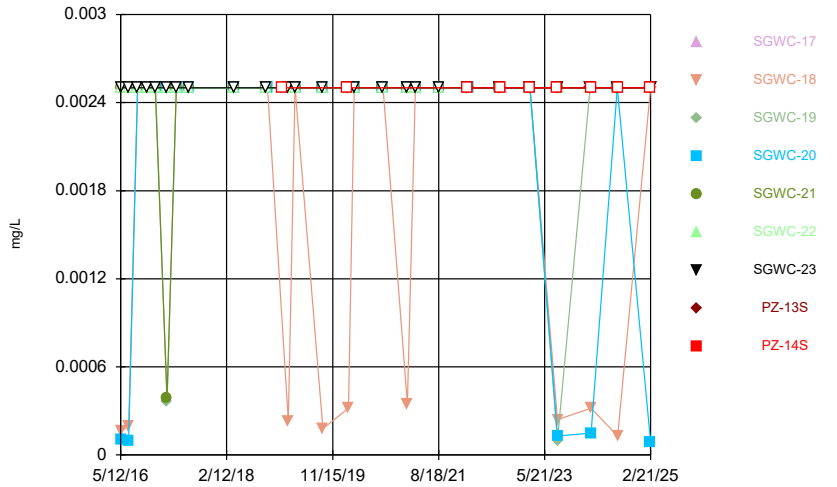
Time Series



Constituent: Cadmium Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

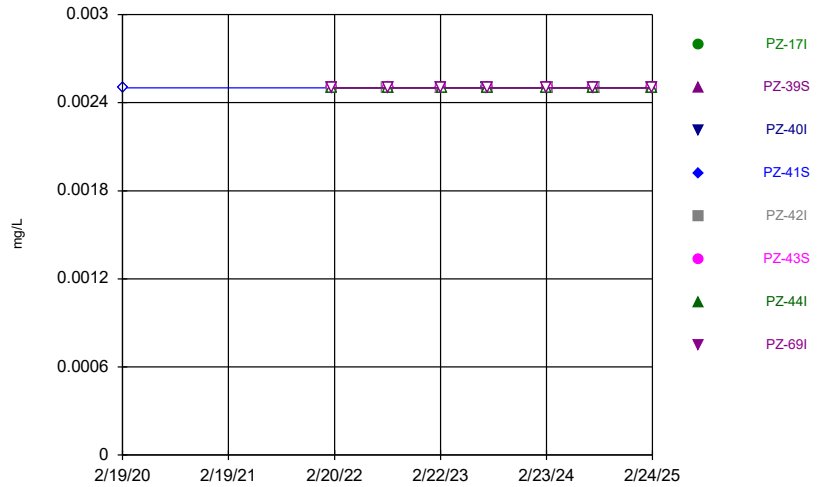
Time Series



Constituent: Cadmium Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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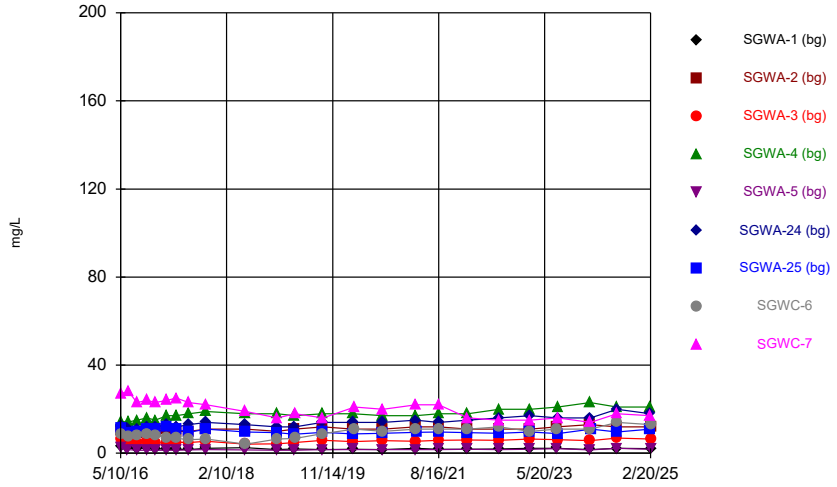
Time Series



Constituent: Cadmium Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

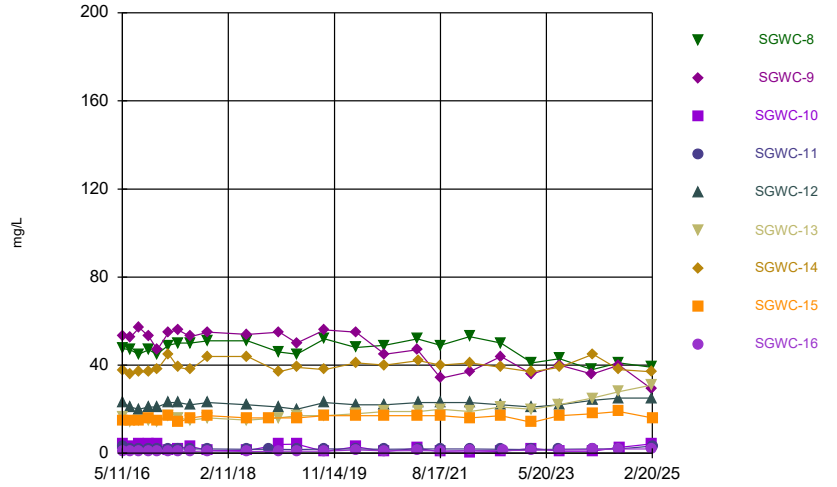


Constituent: Calcium Analysis Run 5/12/2025 10:39 AM

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

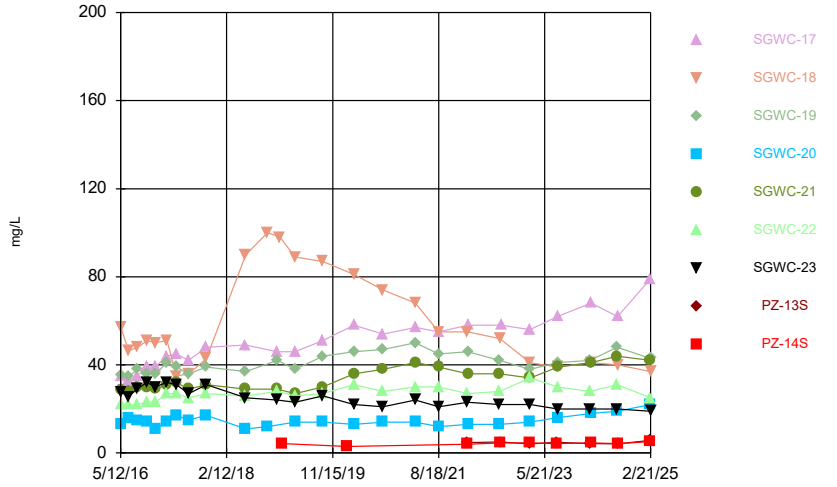


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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

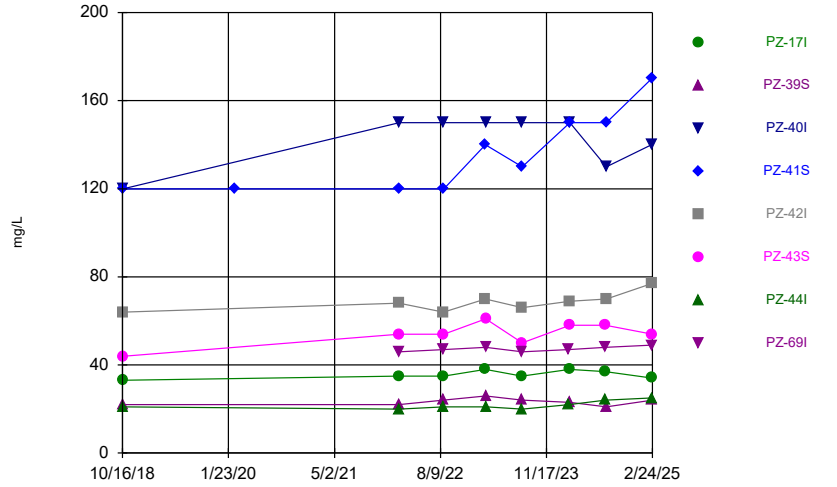


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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

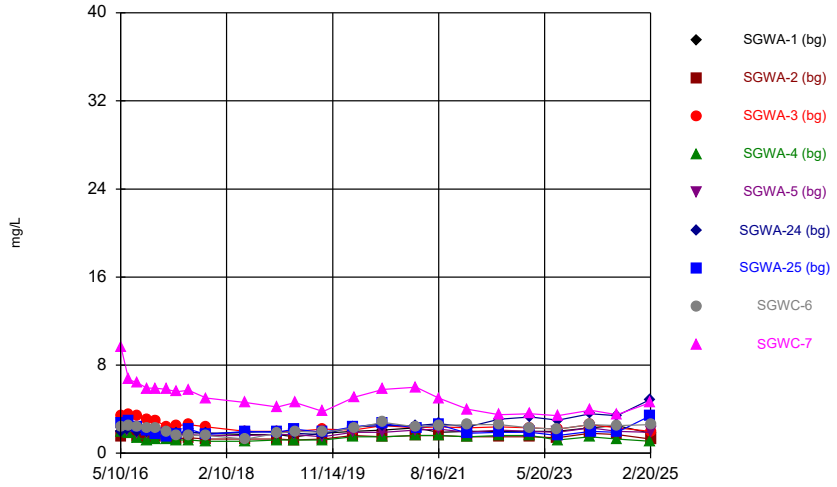


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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

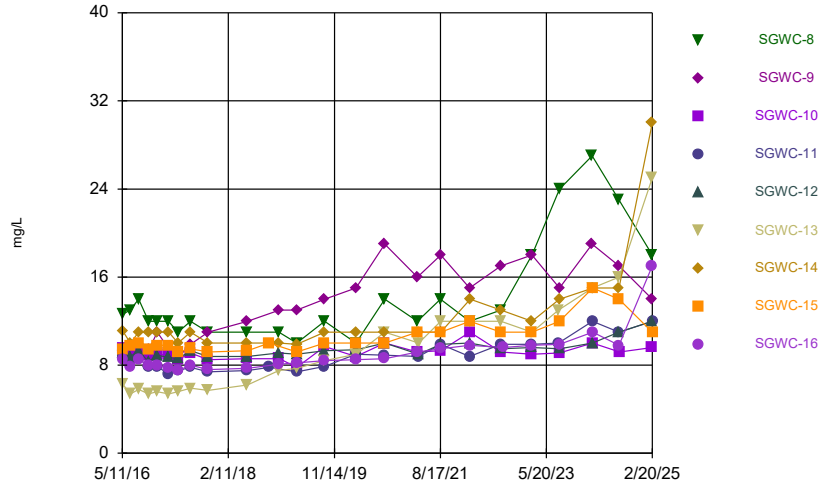


Constituent: Chloride Analysis Run 5/12/2025 10:39 AM

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series



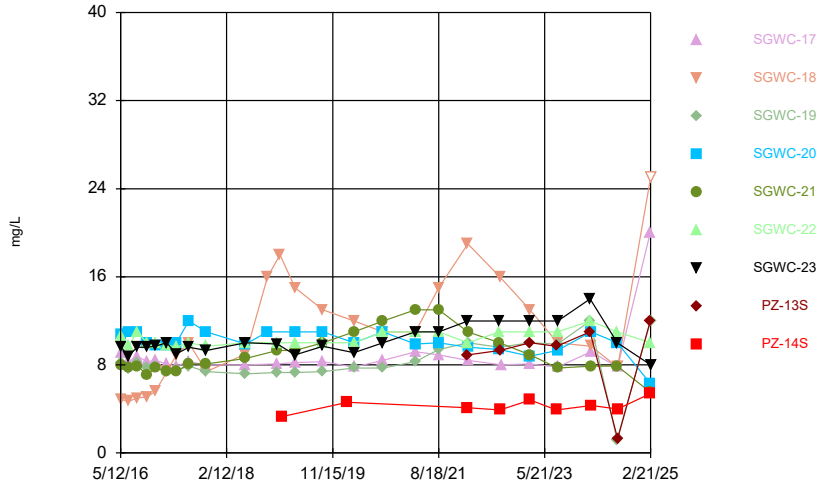
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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series



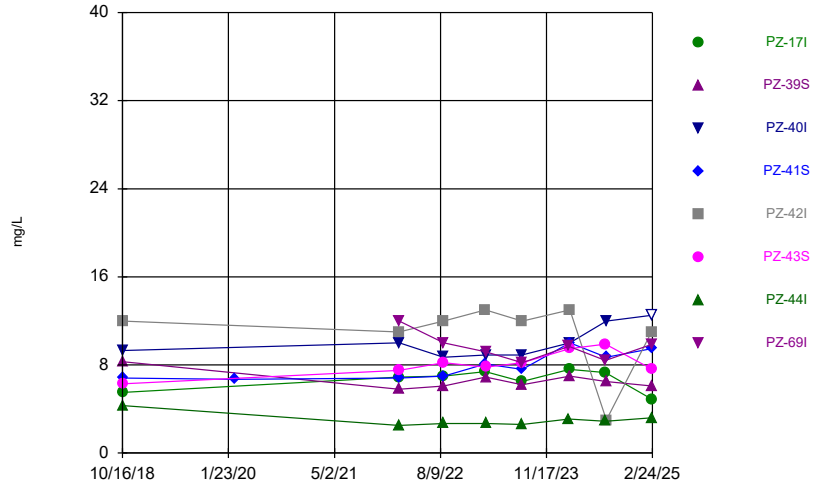
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Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series

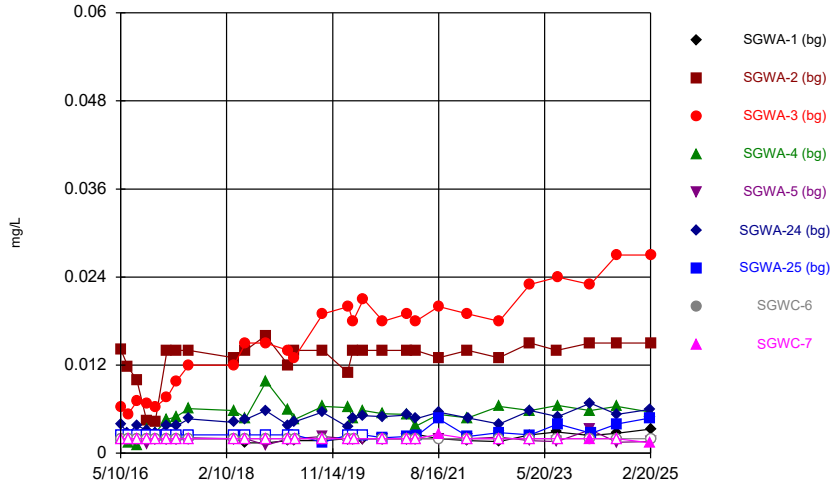


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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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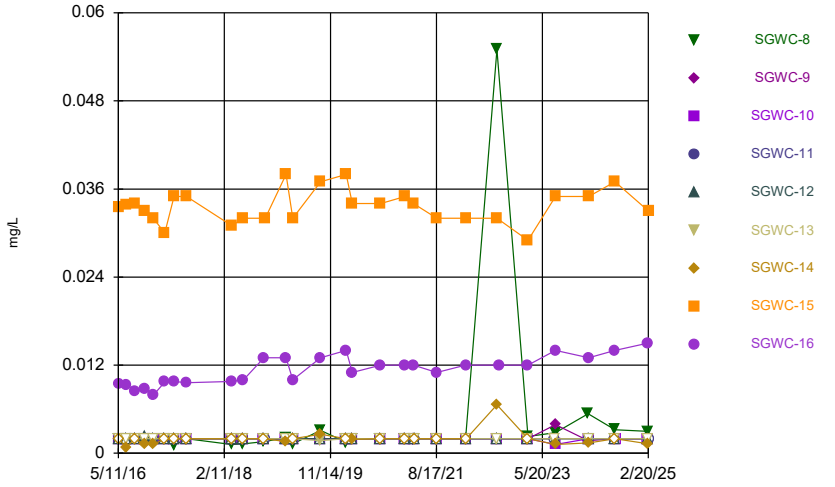
Time Series



Constituent: Chromium Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

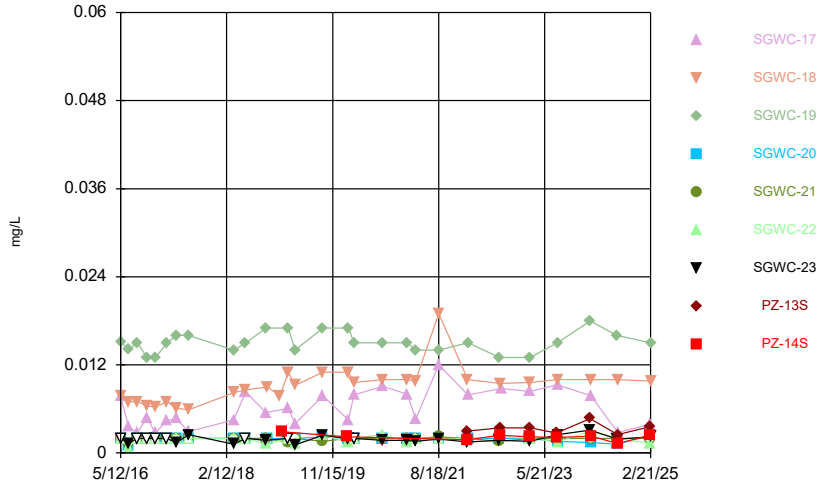
Time Series



Constituent: Chromium Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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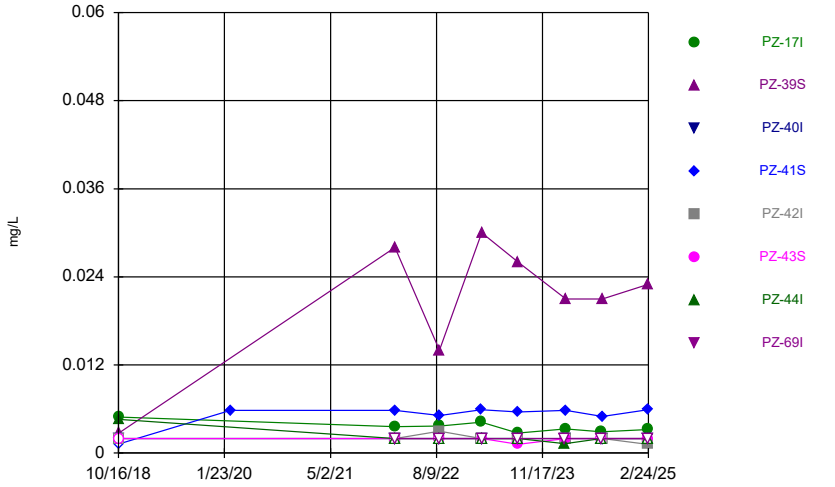
Time Series



Constituent: Chromium Analysis Run 5/12/2025 10:39 AM
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Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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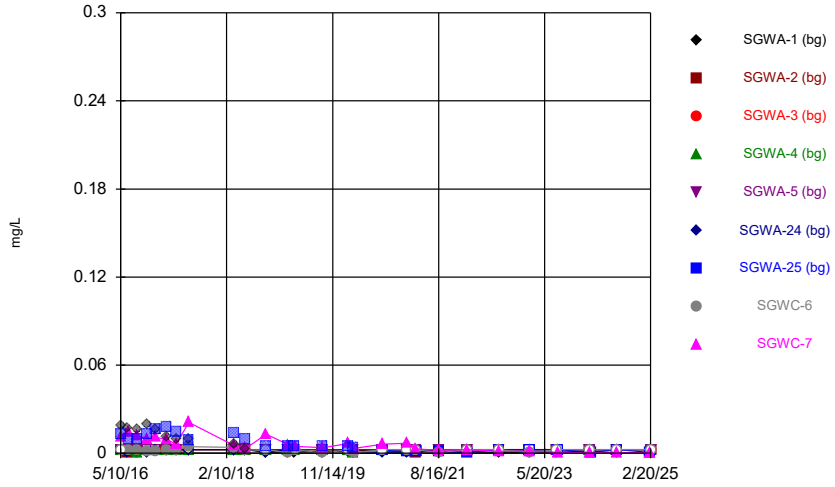
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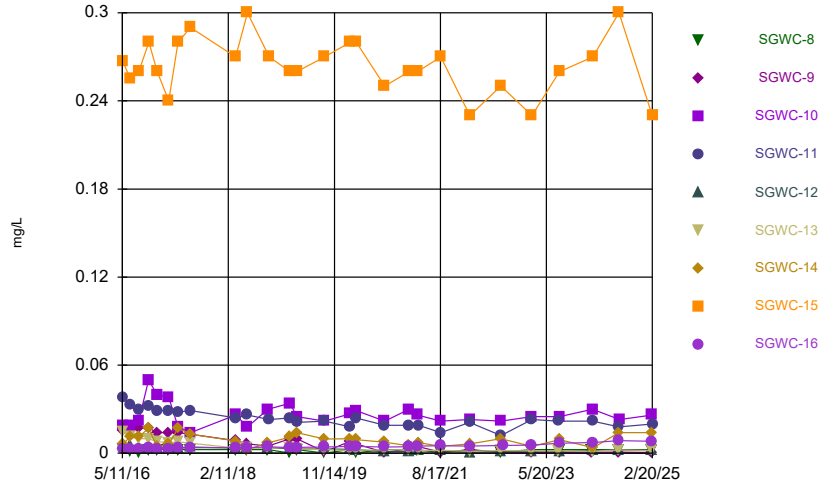
Time Series



Constituent: Cobalt Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

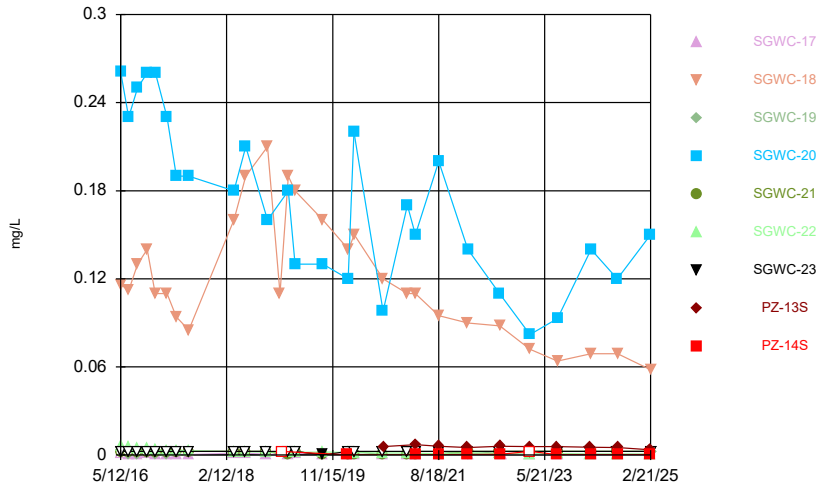
Time Series



Constituent: Cobalt Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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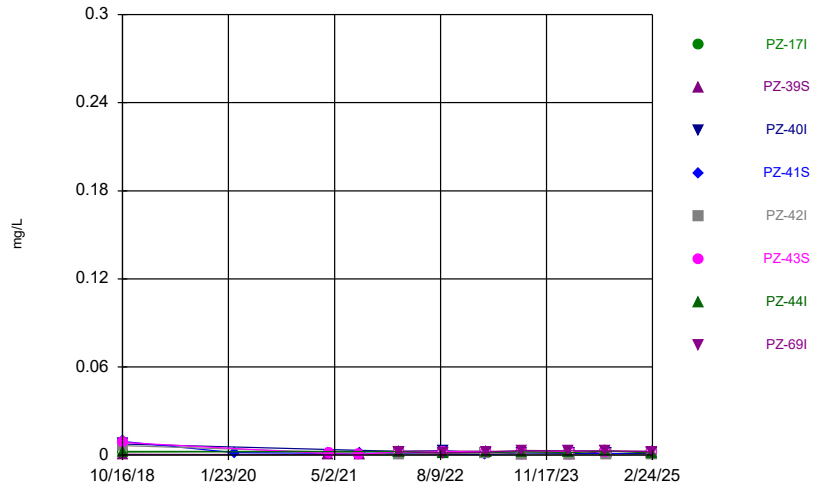
Time Series



Constituent: Cobalt Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

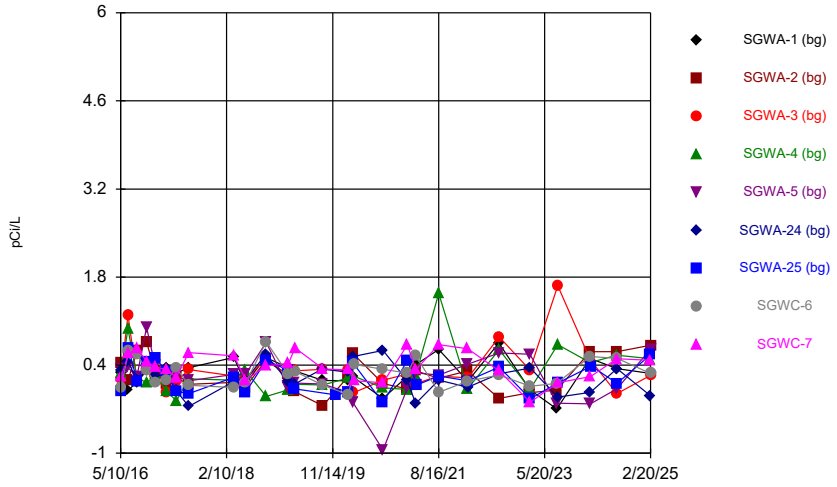
Time Series



Constituent: Cobalt Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

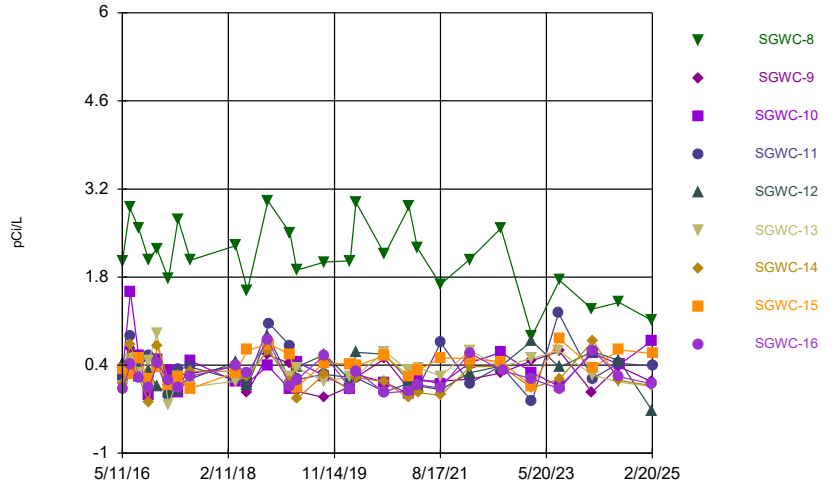


Constituent: Combined Radium 226 + 228 Analysis Run 5/12/2025 10:39 AM

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

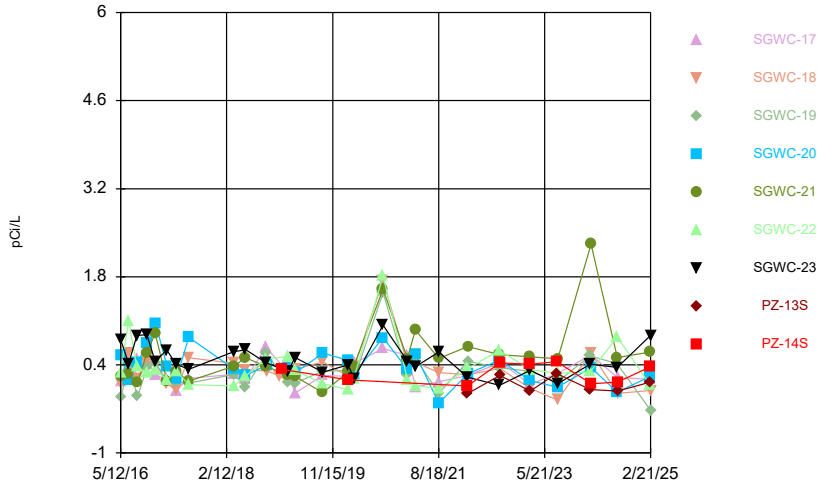


Constituent: Combined Radium 226 + 228 Analysis Run 5/12/2025 10:39 AM

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

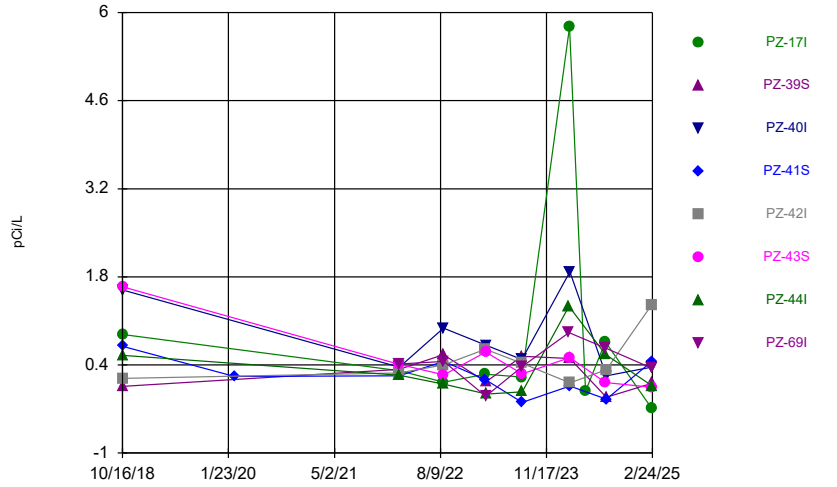


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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

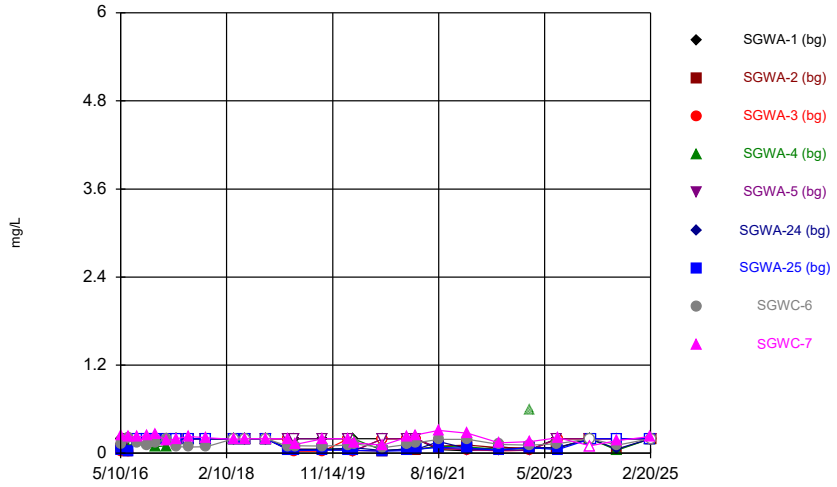


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Plant Scherer Client: Southern Company Data: Scherer AP

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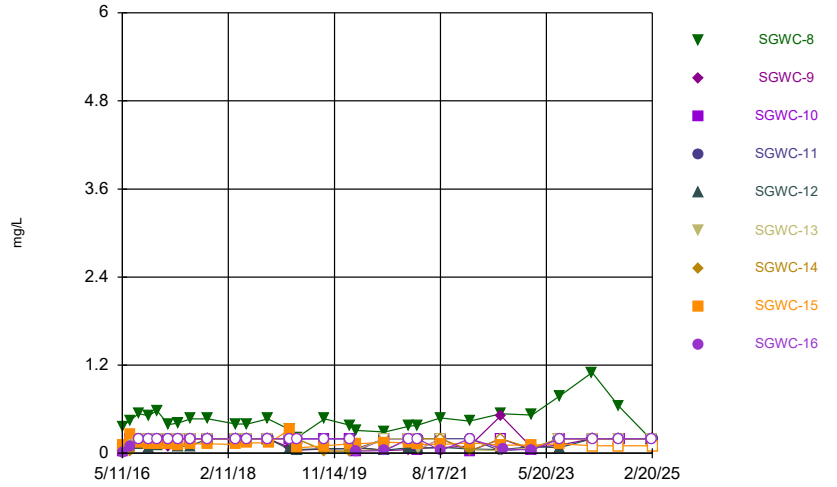
Time Series



Constituent: Fluoride Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

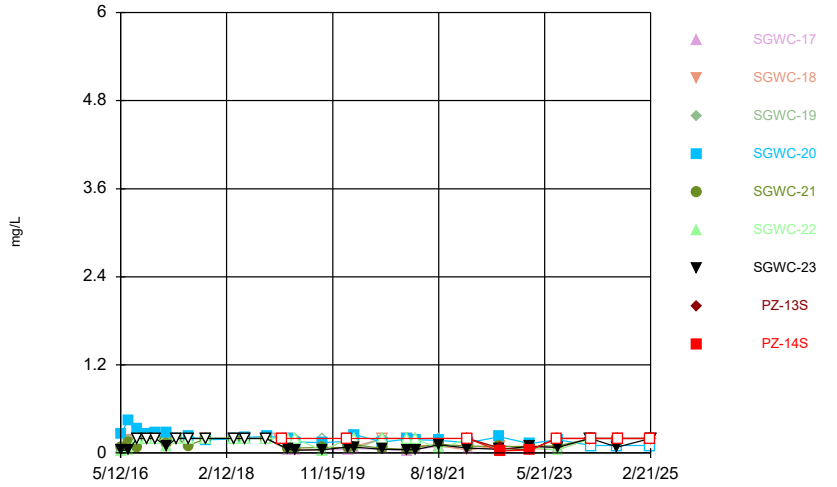
Time Series



Constituent: Fluoride Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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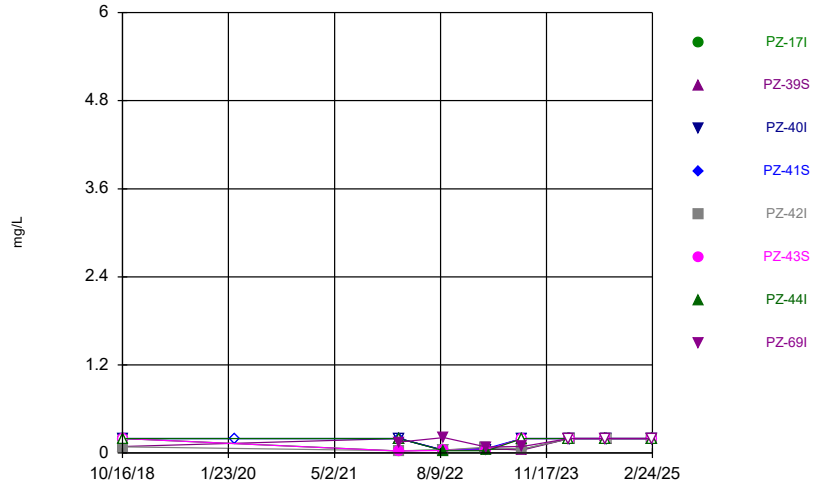
Time Series



Constituent: Fluoride Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

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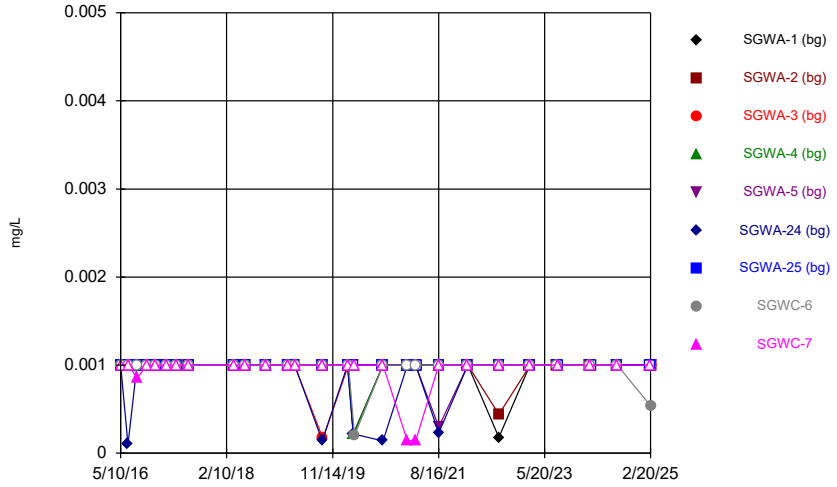
Time Series



Constituent: Fluoride Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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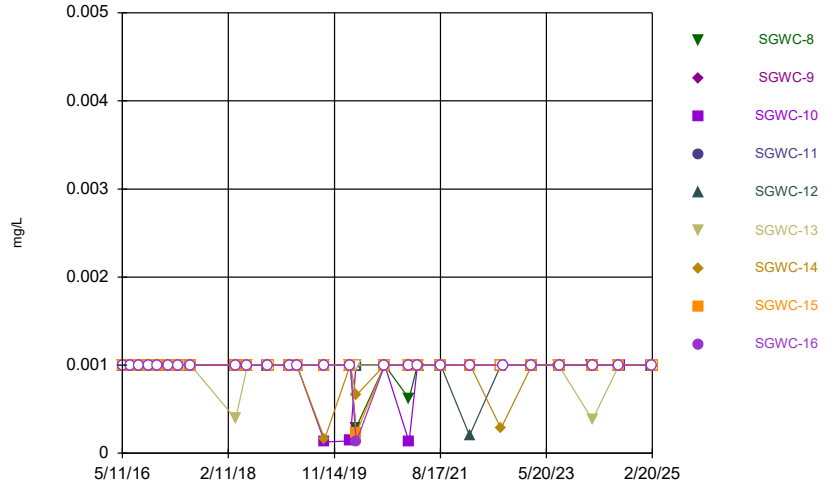
Time Series



Constituent: Lead Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

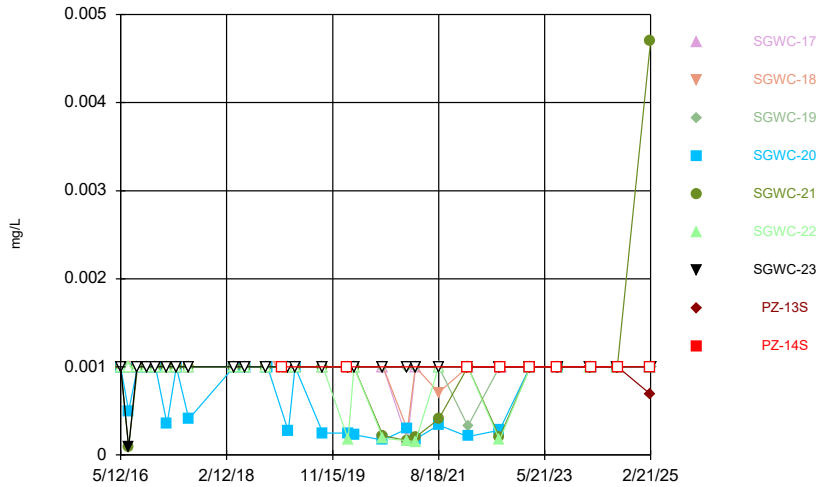
Time Series



Constituent: Lead Analysis Run 5/12/2025 10:39 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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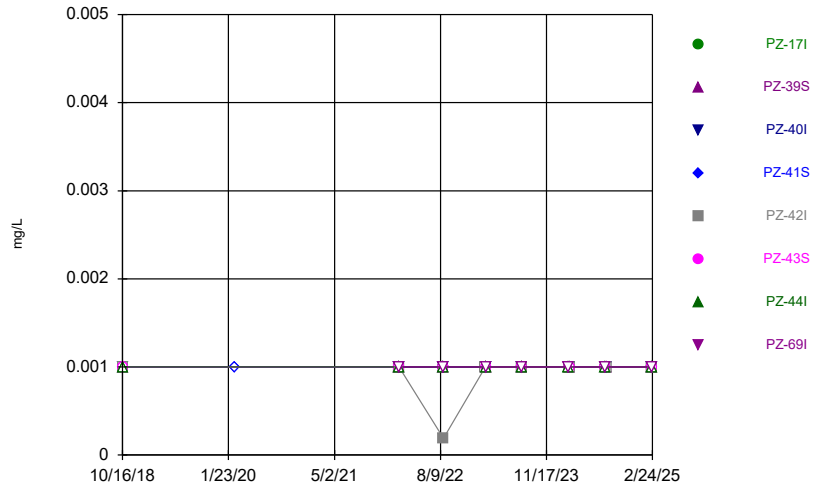
Time Series



Constituent: Lead Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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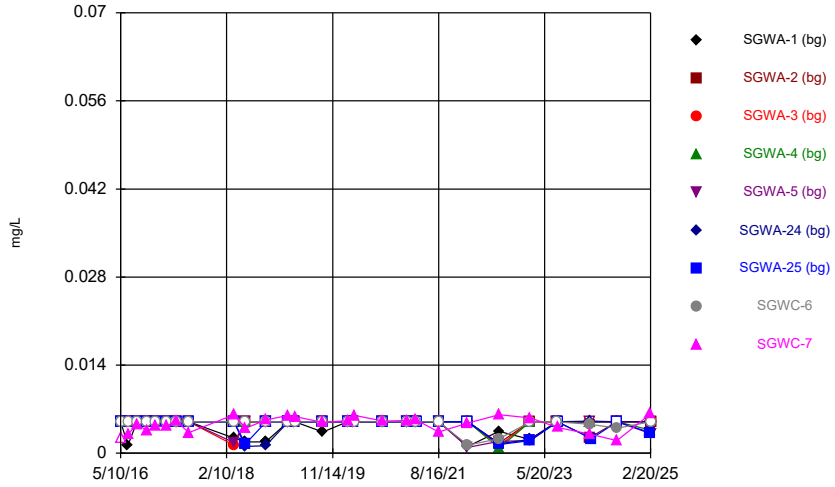
Time Series



Constituent: Lead Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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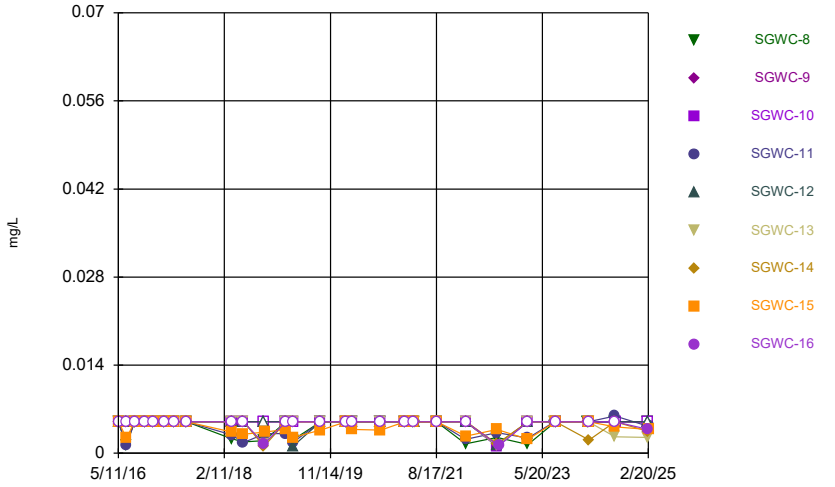
Time Series



Constituent: Lithium Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

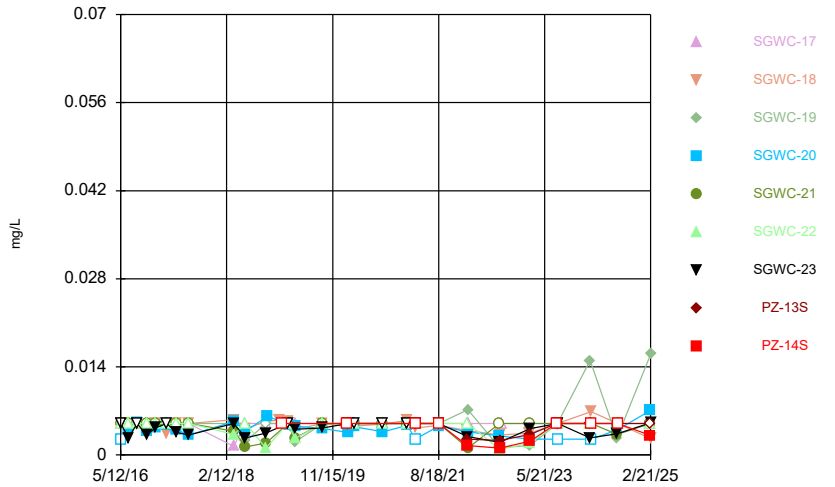
Time Series



Constituent: Lithium Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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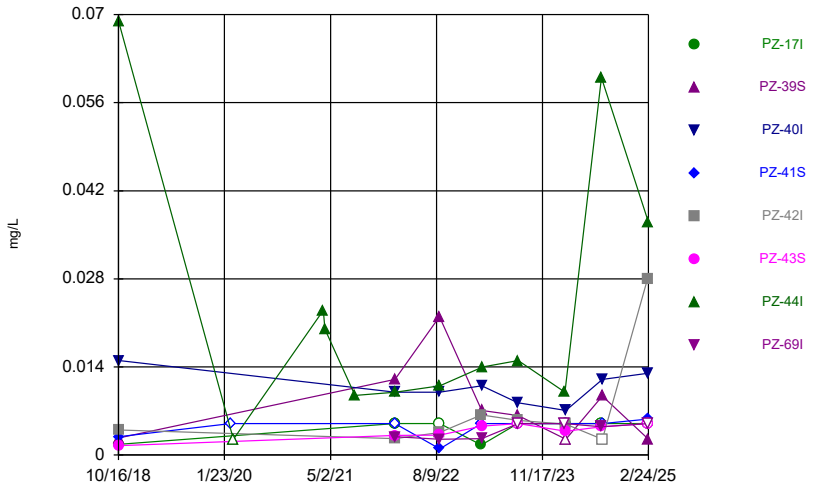
Time Series



Constituent: Lithium Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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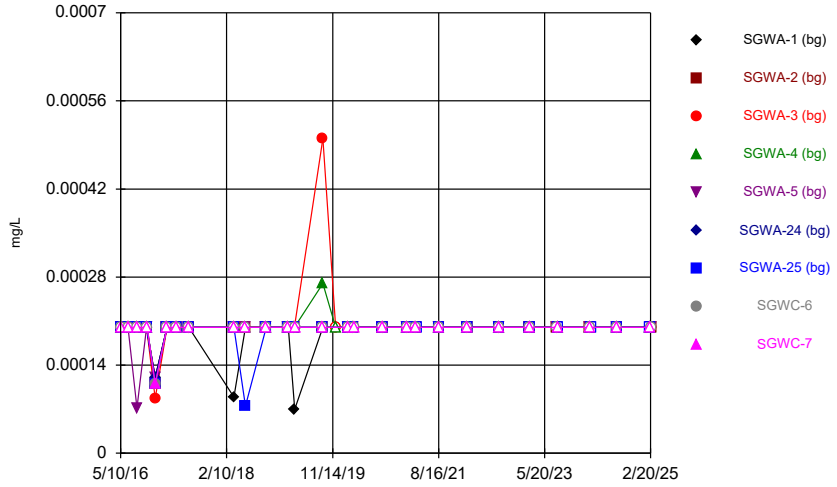
Time Series



Constituent: Lithium Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

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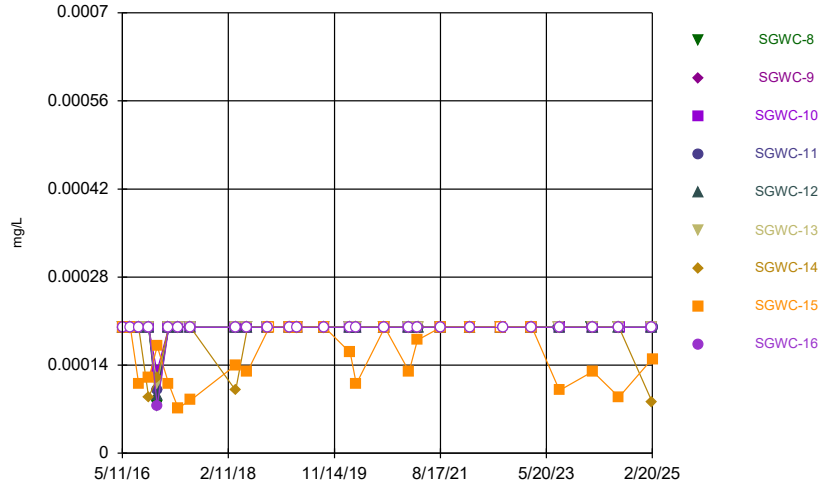
Time Series



Constituent: Mercury Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

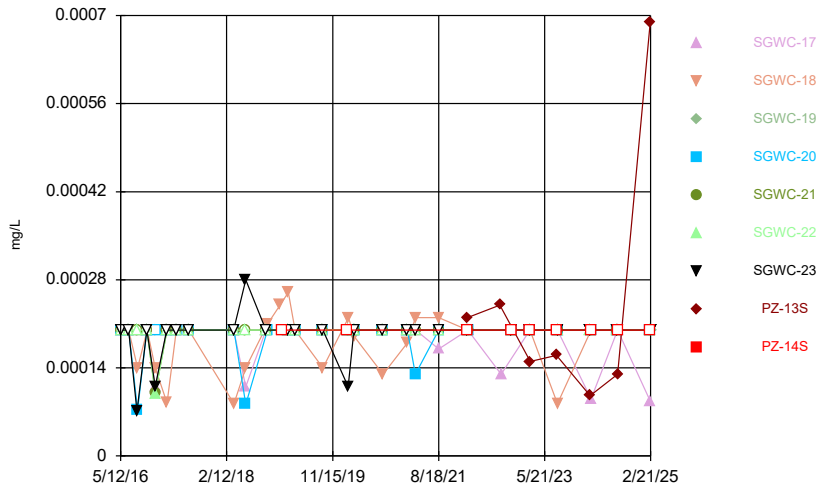
Time Series



Constituent: Mercury Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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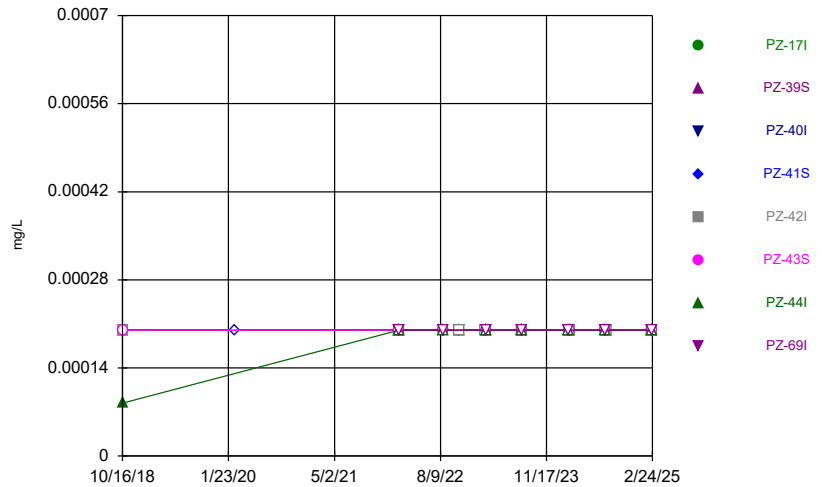
Time Series



Constituent: Mercury Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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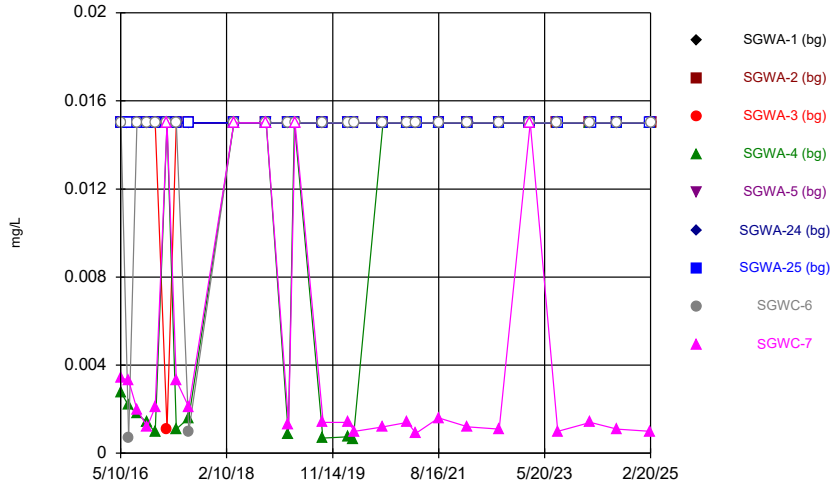
Time Series



Constituent: Mercury Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

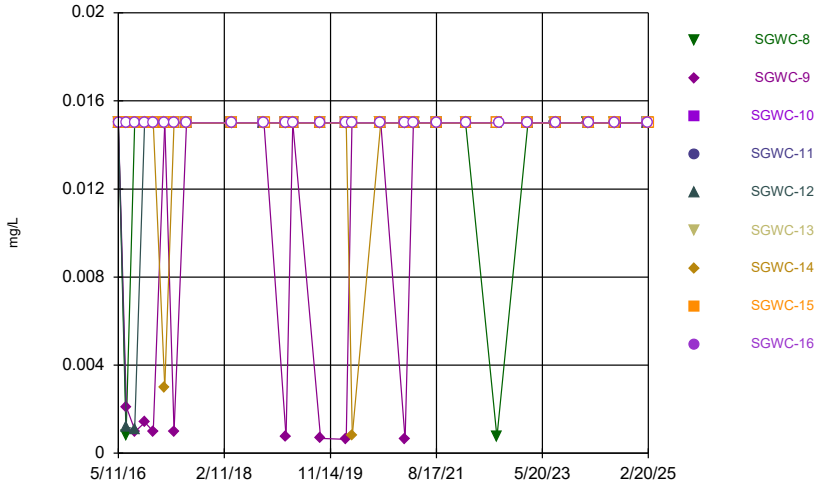
Time Series



Constituent: Molybdenum Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

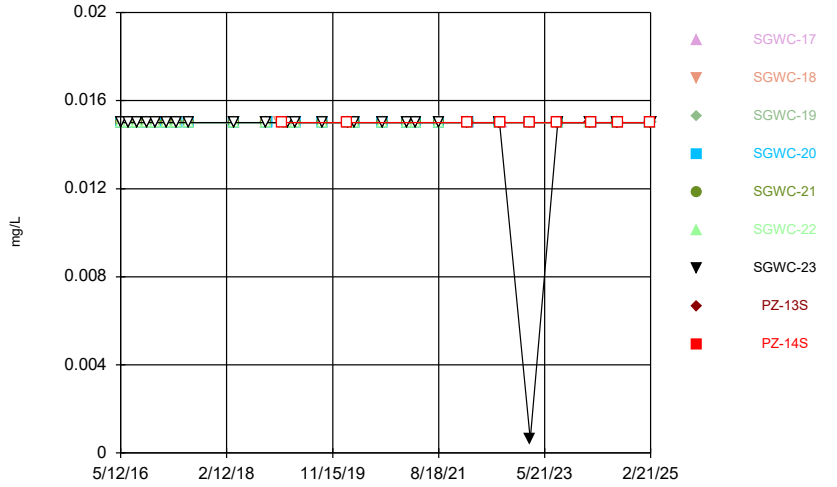
Time Series



Constituent: Molybdenum Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

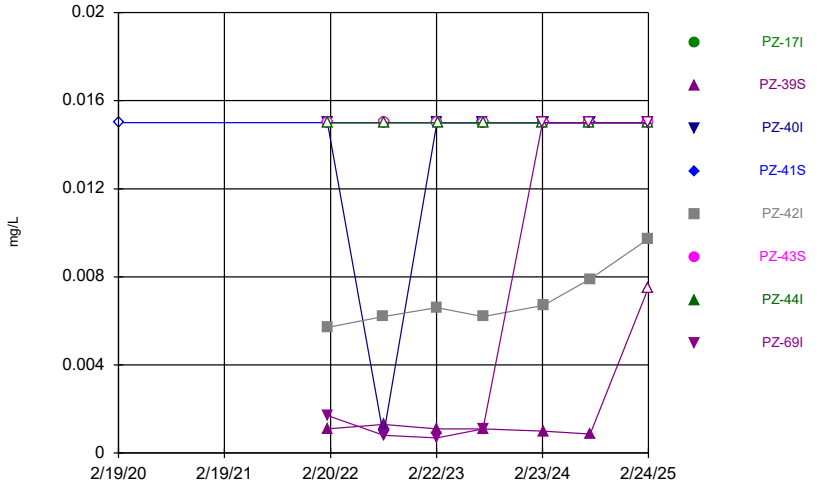
Time Series



Constituent: Molybdenum Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

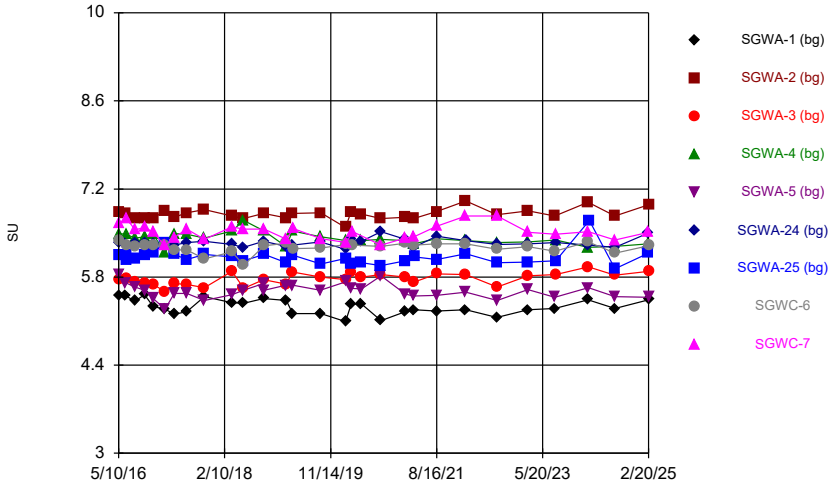
Time Series



Constituent: Molybdenum Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

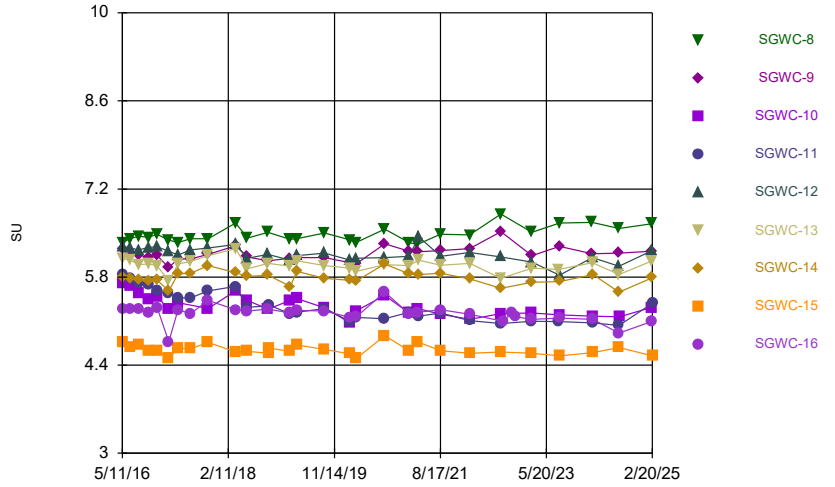


Constituent: pH, Field Analysis Run 5/12/2025 10:40 AM

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

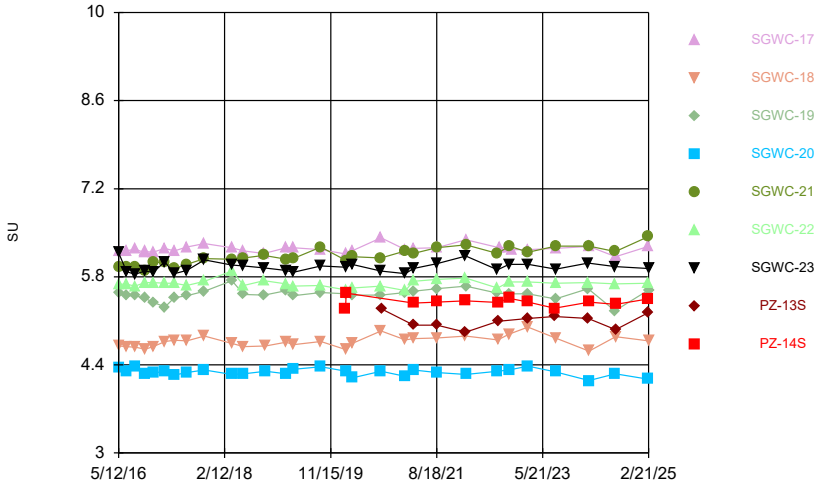


Constituent: pH, Field Analysis Run 5/12/2025 10:40 AM

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

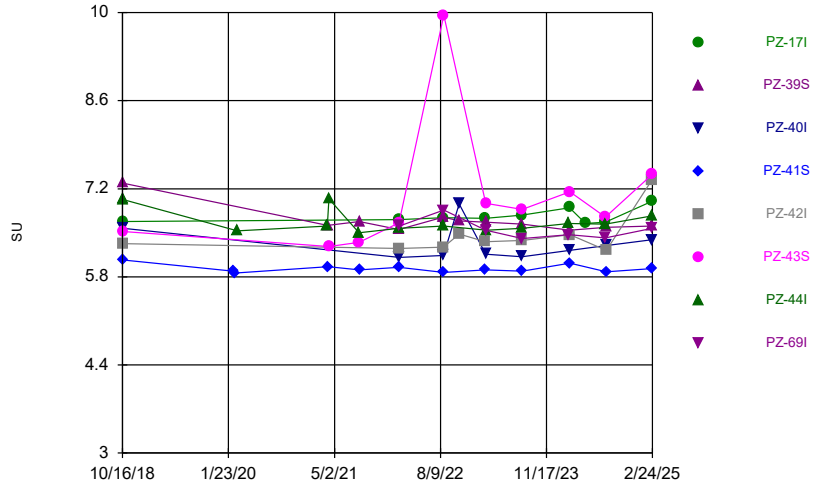


Constituent: pH, Field Analysis Run 5/12/2025 10:40 AM

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

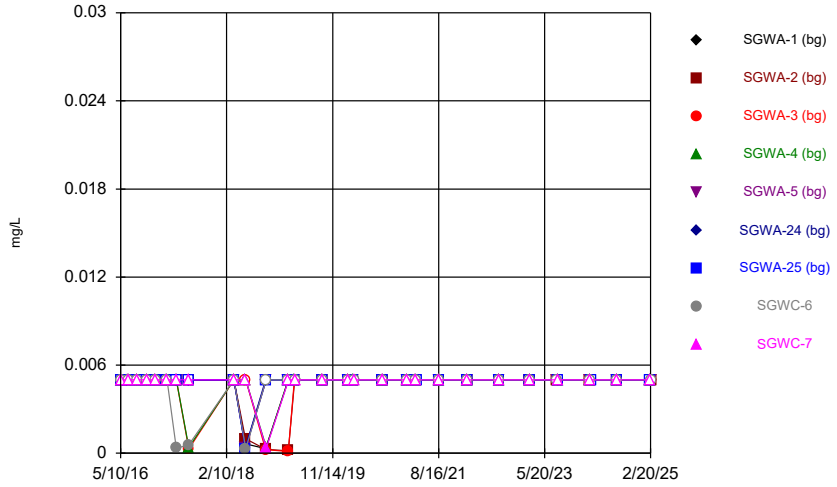


Constituent: pH, Field Analysis Run 5/12/2025 10:40 AM

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

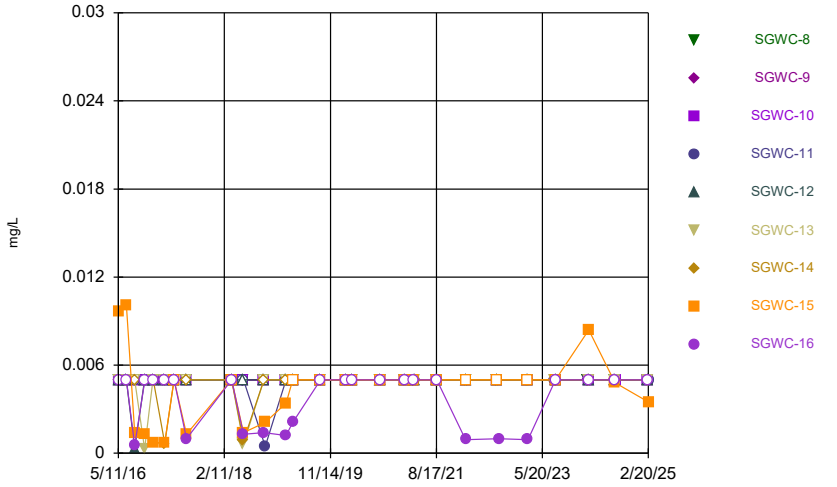
Time Series



Constituent: Selenium Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

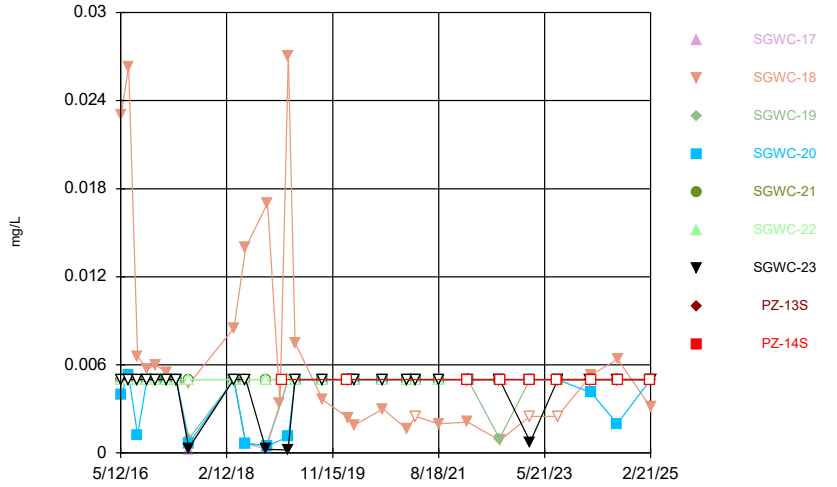
Time Series



Constituent: Selenium Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

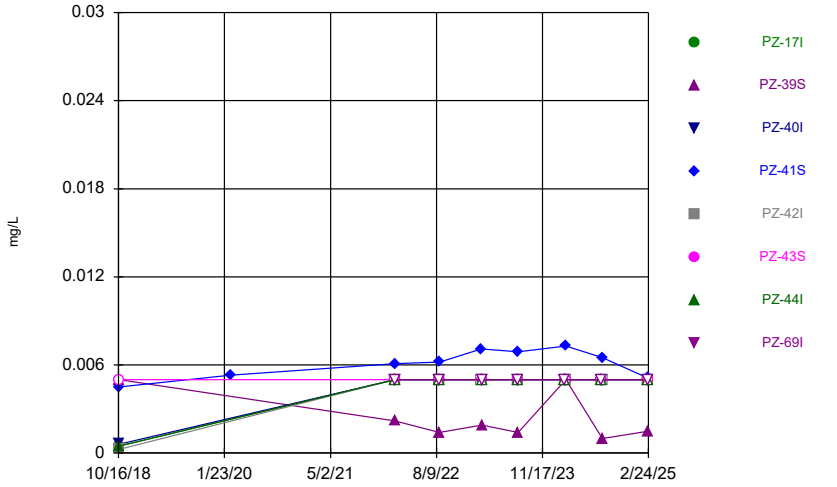
Time Series



Constituent: Selenium Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

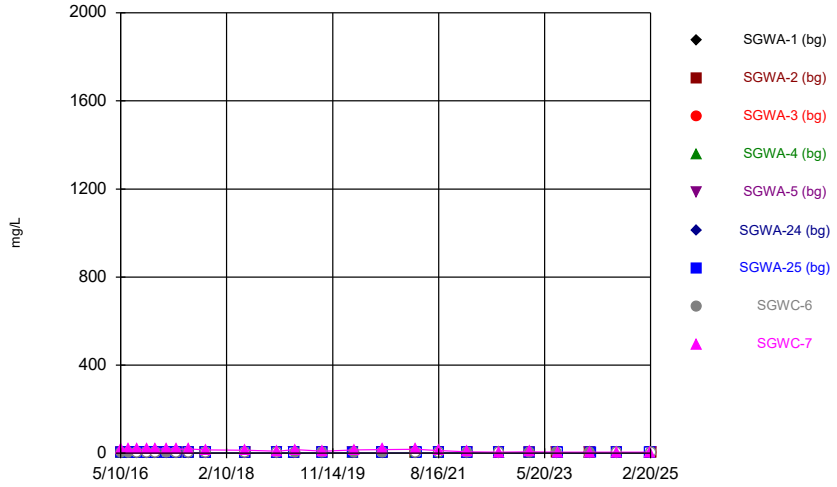
Time Series



Constituent: Selenium Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

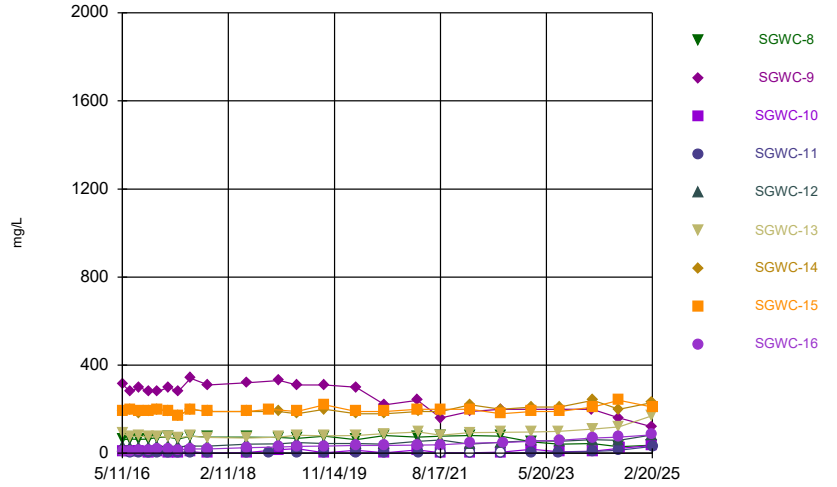
Time Series



Constituent: Sulfate Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

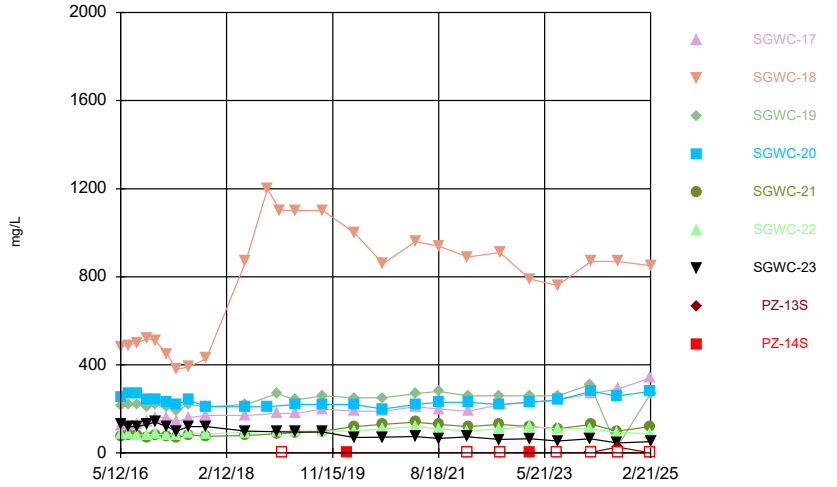
Time Series



Constituent: Sulfate Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

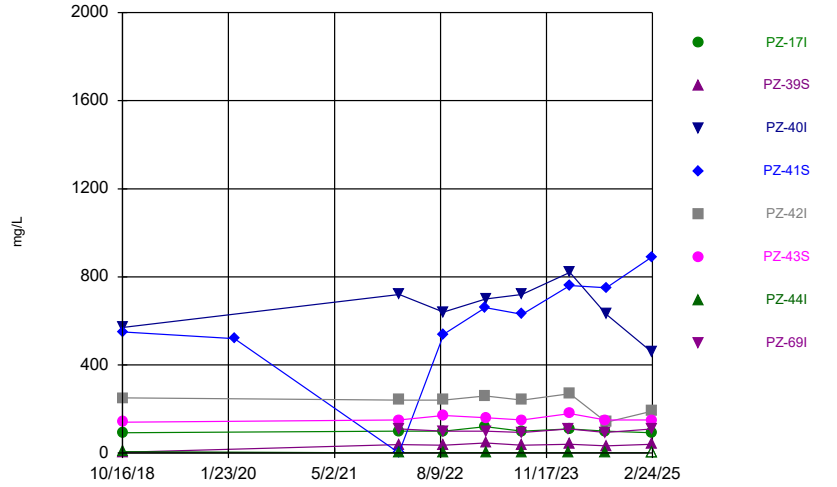
Time Series



Constituent: Sulfate Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

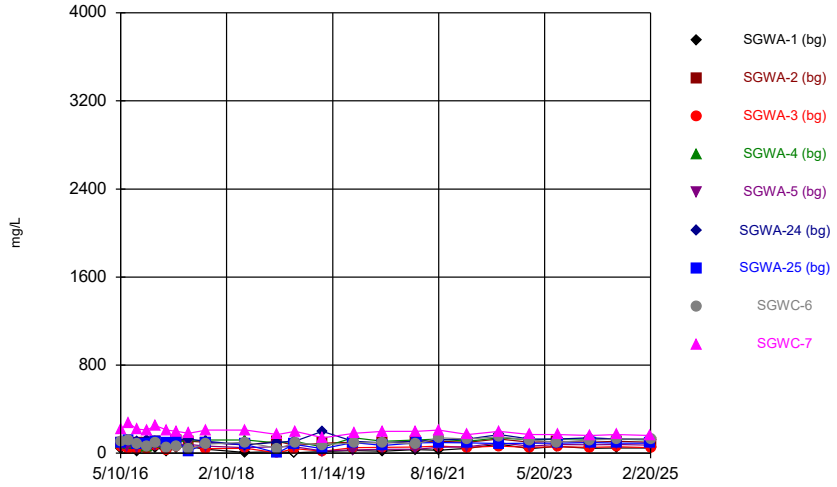
Time Series



Constituent: Sulfate Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

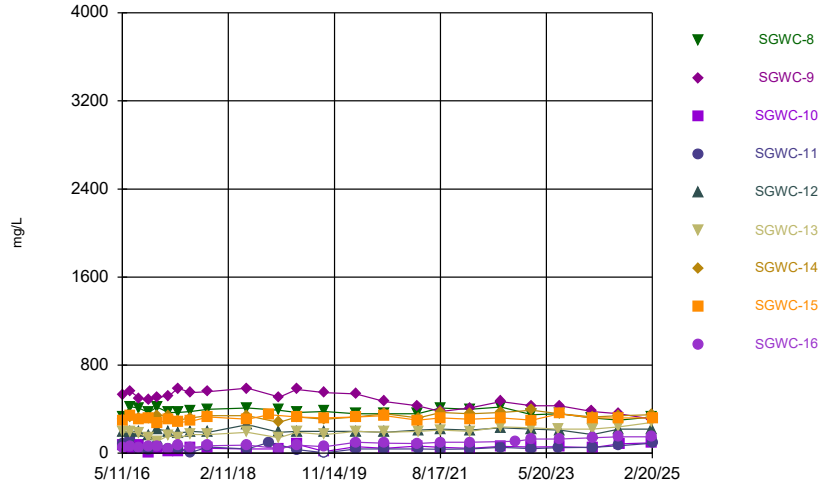
Time Series



Constituent: TDS Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

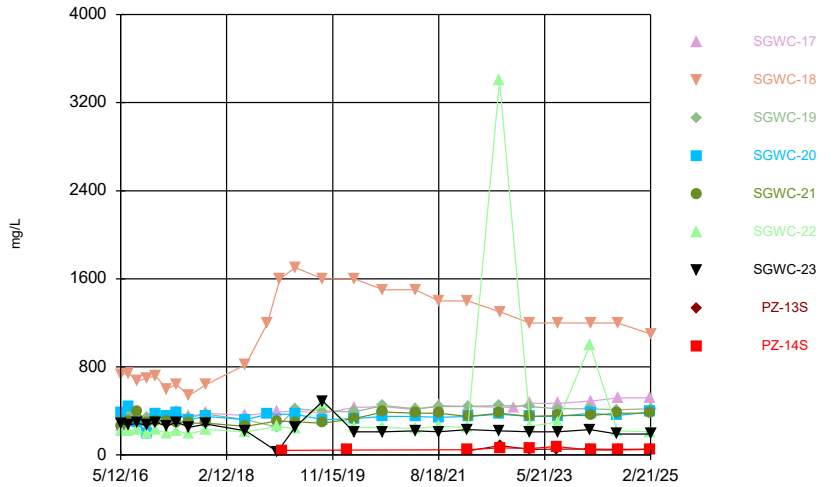
Time Series



Constituent: TDS Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

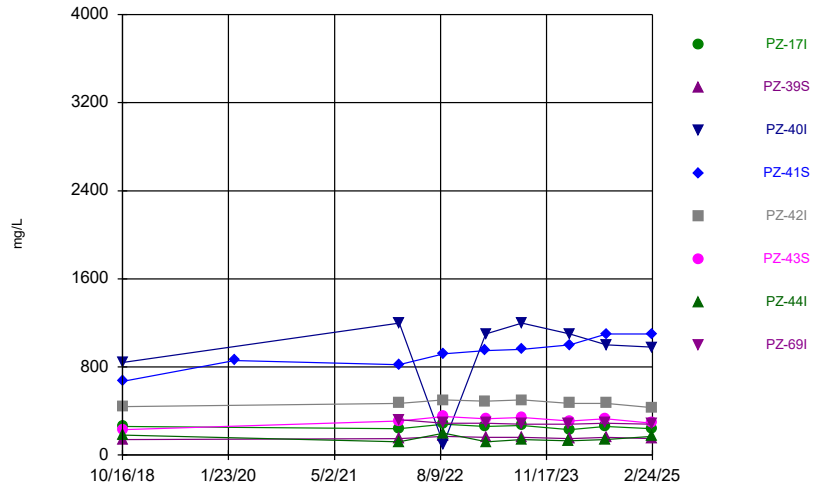
Time Series



Constituent: TDS Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

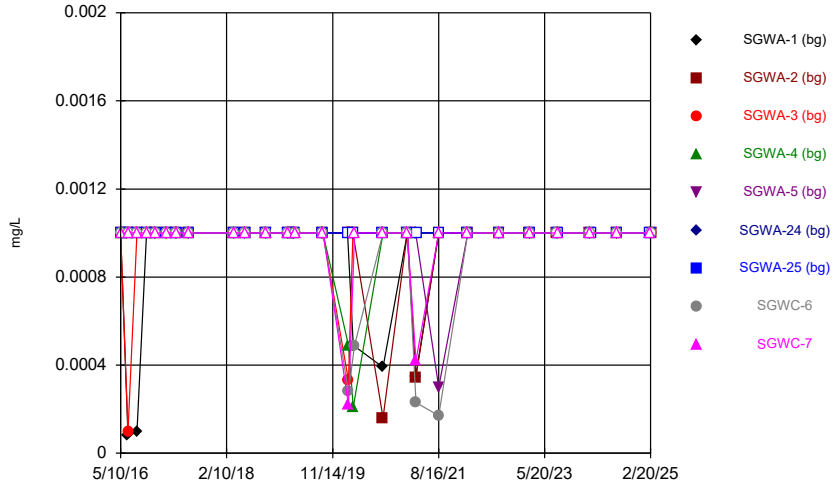
Time Series



Constituent: TDS Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

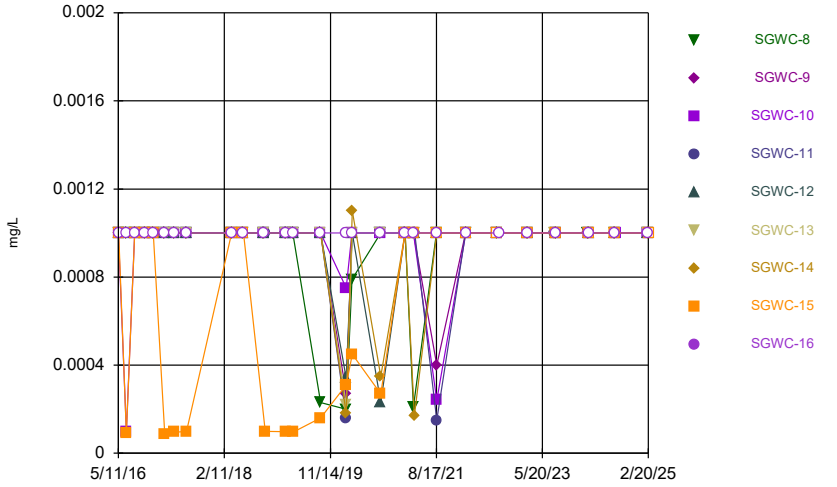
Time Series



Constituent: Thallium Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

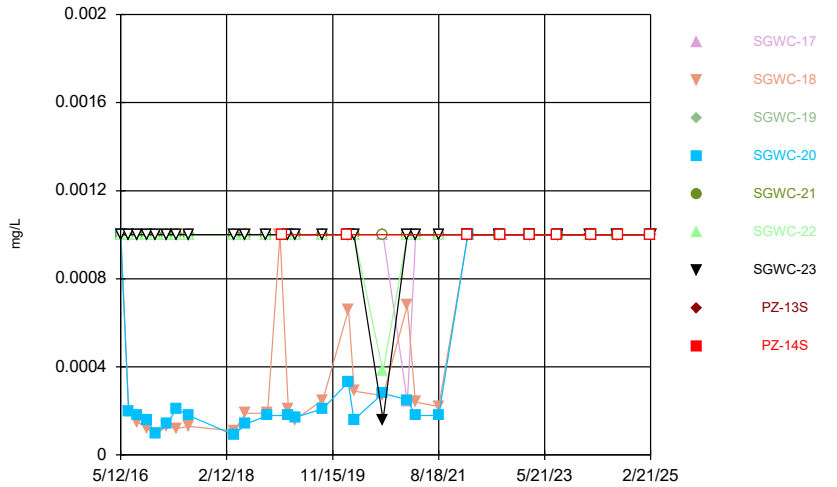
Time Series



Constituent: Thallium Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

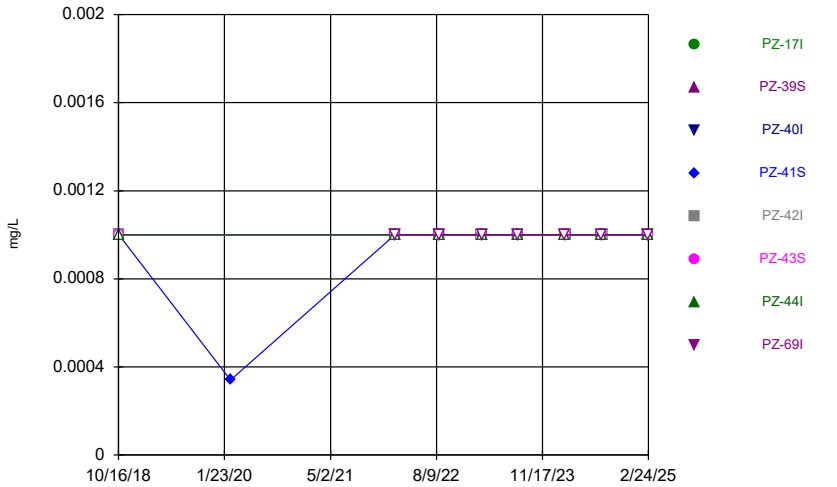
Time Series



Constituent: Thallium Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Thallium Analysis Run 5/12/2025 10:40 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Time Series

Constituent: Antimony (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002		
5/11/2016				<0.002				<0.002	<0.002
6/23/2016	0.0004 (J)	<0.002			<0.002	0.0003 (J)			
6/24/2016			0.0021 (J)	0.0007 (J)					
6/27/2016							0.0003 (J)	<0.002	0.0004 (J)
8/16/2016	0.0012 (J)	<0.002	<0.002		<0.002	<0.002			
8/17/2016				<0.002			<0.002	<0.002	<0.002
10/13/2016	<0.002					<0.002			
10/14/2016		<0.002	<0.002		<0.002		<0.002		
10/17/2016				<0.002				<0.002	
10/18/2016									<0.002
12/5/2016						<0.002			
12/6/2016	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002
2/14/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/10/2017						<0.002			
4/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002		
4/12/2017								<0.002	<0.002
6/26/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
6/27/2017							<0.002	<0.002	<0.002
3/26/2018	<0.002	<0.002	<0.002			<0.002			
3/27/2018				<0.002	<0.002		<0.002	<0.002	<0.002
10/5/2018	<0.002	<0.002	<0.002			<0.002			
10/8/2018				<0.002	<0.002		<0.002	<0.002	
10/9/2018									<0.002
2/18/2019	<0.002	<0.002		<0.002					
2/19/2019			<0.002		<0.002	<0.002	<0.002		
2/20/2019								<0.002	<0.002
3/28/2019			<0.002	<0.002	<0.002		<0.002		
3/29/2019	<0.002	<0.002				<0.002			
2/13/2020	<0.002	<0.002				<0.002			
2/17/2020					<0.002		<0.002		
2/18/2020			<0.002	<0.002				<0.002	<0.002
2/9/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
8/17/2021	<0.002	<0.002		<0.002			<0.002		
8/18/2021			<0.002		<0.002	<0.002		<0.002	<0.002
2/9/2022	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002
2/10/2022						<0.002			
8/17/2022	0.00052 (J)	<0.002							
8/18/2022			<0.002	<0.002	<0.002	<0.002	<0.002		<0.002
8/19/2022								<0.002	
2/21/2023	<0.002		<0.002		<0.002				
2/22/2023		<0.002		<0.002				<0.002	<0.002
2/23/2023						<0.002	<0.002		
8/1/2023	<0.002	<0.002			<0.002			<0.002	
8/7/2023			<0.002	<0.002					
8/8/2023						<0.002	<0.002		<0.002
2/20/2024	<0.002	<0.002		<0.002				<0.002	
2/21/2024			<0.002		<0.002	<0.002			<0.002
2/27/2024							<0.002		
7/31/2024	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002
8/1/2024								<0.002	
2/19/2025				<0.002		<0.002	<0.002		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/20/2025	<0.002	<0.002	<0.002		<0.002			<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	<0.002	<0.002	<0.002	<0.002	<0.002				
5/12/2016						<0.002	<0.002	<0.002	<0.002
6/27/2016	<0.002								
6/28/2016			0.0014 (J)	<0.002	<0.002	0.0004 (J)	<0.002	<0.002	<0.002
6/29/2016		<0.002							
8/17/2016	<0.002		<0.002	<0.002					
8/18/2016					<0.002	<0.002	<0.002	<0.002	<0.002
8/22/2016		<0.002							
10/17/2016	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002		
10/18/2016		<0.002						<0.002	<0.002
12/6/2016	<0.002		<0.002	<0.002	<0.002	<0.002			
12/7/2016		<0.002					<0.002	<0.002	<0.002
2/14/2017	<0.002								
2/15/2017			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
2/16/2017		<0.002							<0.002
4/12/2017	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
4/13/2017		<0.002							<0.002
6/27/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2018	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
3/28/2018		<0.002							
10/8/2018					<0.002	<0.002	<0.002		<0.002
10/9/2018	<0.002	<0.002	<0.002						
2/20/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/18/2020	<0.002			<0.002					
2/19/2020		<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002
2/9/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
8/18/2021	<0.002								
8/19/2021		<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002
8/20/2021					<0.002				
2/10/2022	<0.002	<0.002		<0.002	<0.002				<0.002
2/11/2022			<0.002			<0.002		<0.002	
2/14/2022							<0.002		
8/18/2022	<0.002	<0.002		<0.002	<0.002	<0.002			
8/19/2022			<0.002				<0.002	<0.002	
8/31/2022									<0.002
2/22/2023	<0.002	<0.002	<0.002	<0.002					
2/23/2023					<0.002	<0.002	<0.002	<0.002	<0.002
8/2/2023				<0.002		<0.002			
8/7/2023		<0.002	<0.002		<0.002			<0.002	
8/8/2023	<0.002						<0.002		<0.002
2/21/2024	<0.002	<0.002							
2/23/2024			<0.002	<0.002	<0.002	<0.002			
2/26/2024								<0.002	<0.002
2/27/2024							<0.002		
8/1/2024	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
8/5/2024			<0.002						
2/19/2025	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002		<0.002
2/20/2025				<0.002				<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	<0.002			<0.002	<0.002	<0.002	<0.002		
5/13/2016		<0.002	<0.002						
6/29/2016	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002		
6/30/2016		0.0012 (J)							
8/18/2016	<0.002								
8/19/2016						<0.002	<0.002		
8/22/2016		<0.002	<0.002	<0.002	<0.002				
10/18/2016			<0.002	<0.002	<0.002	<0.002	<0.002		
10/19/2016	<0.002	<0.002							
12/7/2016	<0.002	<0.002			<0.002	<0.002	<0.002		
12/8/2016			<0.002	<0.002					
2/15/2017	<0.002						<0.002		
2/16/2017		<0.002	<0.002	<0.002	<0.002	<0.002			
4/13/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		
6/27/2017	<0.002								
6/28/2017		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		
3/27/2018	<0.002						<0.002		
3/28/2018		<0.002	<0.002	<0.002	<0.002	<0.002			
10/8/2018	<0.002				<0.002	<0.002	<0.002		
10/9/2018			<0.002						
1/10/2019									<0.002
2/19/2019						<0.002	<0.002		
2/20/2019	<0.002	<0.002	<0.002	<0.002	<0.002				
2/13/2020									<0.002
2/18/2020				<0.002	<0.002	<0.002	<0.002		
2/19/2020	<0.002		<0.002						
2/20/2020		<0.002							
2/10/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		
8/18/2021	<0.002	<0.002			<0.002	<0.002	<0.002		
8/19/2021			<0.002	<0.002					
2/8/2022								<0.002	<0.002
2/10/2022		<0.002				<0.002	<0.002		
2/11/2022	<0.002		<0.002	<0.002	<0.002				
8/22/2022			0.0021	0.0019 (J)	0.0019 (J)	0.0022	0.00098 (J)		
8/23/2022		<0.002							<0.002
8/24/2022								<0.002	
8/31/2022	<0.002								
2/22/2023	<0.002	<0.002	<0.002	<0.002					
2/23/2023					<0.002	<0.002	<0.002	<0.002	<0.002
8/1/2023									<0.002
8/2/2023								0.00046 (J)	
8/7/2023	<0.002	<0.002	<0.002	<0.002		<0.002			
8/8/2023					<0.002		<0.002		
2/20/2024			<0.002						
2/21/2024						<0.002	<0.002	<0.002	
2/26/2024	<0.002			<0.002					
2/27/2024		<0.002			<0.002				
2/28/2024									<0.002
8/1/2024			<0.002						
8/2/2024				<0.002	<0.002	<0.002	<0.002		
8/5/2024	<0.002	<0.002						<0.002	<0.002
2/19/2025	<0.002							<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/20/2025				<0.002	<0.002	<0.002			
2/21/2025		<0.002	<0.002				<0.002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
2/19/2020				<0.002				
2/9/2022	0.00061 (J)	<0.002		<0.002	<0.002	<0.002	<0.002	
2/10/2022			<0.002					<0.002
8/22/2022					<0.002			
8/23/2022		<0.002	0.00089 (J)					
8/24/2022	<0.002			<0.002		<0.002	<0.002	<0.002
2/23/2023	<0.002			<0.002	<0.002			
2/24/2023		<0.002	<0.002			<0.002		<0.002
2/28/2023							<0.002	
8/1/2023	<0.002		<0.002					
8/2/2023		<0.002		<0.002	<0.002	<0.002	<0.002	<0.002
2/23/2024							<0.002	<0.002
2/26/2024	<0.002							
2/27/2024		<0.002	<0.002	<0.002	<0.002	<0.002		
8/1/2024	<0.002						<0.002	
8/2/2024						<0.002		<0.002
8/5/2024			<0.002		<0.002			
8/6/2024		<0.002		<0.002				
2/20/2025			<0.002		0.0009 (J)			
2/21/2025	<0.002			<0.002				
2/24/2025		<0.002				<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		
5/11/2016				<0.001				<0.001	<0.001
6/23/2016	<0.001	<0.001			<0.001	<0.001			
6/24/2016			<0.001	<0.001					
6/27/2016							<0.001	<0.001	0.0009 (J)
8/16/2016	0.00065 (J)	0.0005 (J)	<0.001		<0.001	<0.001			
8/17/2016				<0.001			0.0012 (J)	<0.001	0.0006 (J)
10/13/2016	<0.001					<0.001			
10/14/2016		<0.001	<0.001		<0.001		0.00073 (J)		
10/17/2016				<0.001				<0.001	
10/18/2016									<0.001
12/5/2016						<0.001			
12/6/2016	<0.001	<0.001	<0.001	<0.001	<0.001		0.00075 (J)	<0.001	<0.001
2/14/2017	0.00055 (J)	0.00046 (J)	<0.001	<0.001	<0.001	0.00057 (J)	0.0015	0.0006 (J)	0.00059 (J)
4/10/2017						<0.001			
4/11/2017	<0.001	<0.001	<0.001	0.0011 (J)	<0.001		0.00072 (J)		
4/12/2017								0.00046 (J)	0.00058 (J)
6/26/2017	0.00081 (J)	0.00089 (J)	0.00063 (J)	0.00055 (J)	0.00079 (J)	0.0009 (J)			
6/27/2017							0.00095 (J)	<0.001	<0.001
3/26/2018	<0.001	<0.001	<0.001			<0.001			
3/27/2018				<0.001	<0.001		0.00052 (J)	<0.001	<0.001
6/5/2018	<0.001	<0.001			<0.001	<0.001	<0.001		
6/6/2018			<0.001	<0.001				<0.001	<0.001
10/5/2018	<0.001	<0.001	<0.001			<0.001			
10/8/2018				<0.001	<0.001		<0.001	<0.001	
10/9/2018									0.00057 (J)
2/18/2019	<0.001	<0.001		<0.001					
2/19/2019			<0.001		<0.001	<0.001	<0.001		
2/20/2019								<0.001	<0.001
3/28/2019			<0.001	<0.001	<0.001		0.00048 (J)		
3/29/2019	<0.001	<0.001				<0.001			
4/1/2019									<0.001
4/2/2019								<0.001	
9/12/2019					<0.001				
9/13/2019						<0.001			
9/16/2019	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	
9/17/2019									<0.001
2/13/2020	<0.001	<0.001				<0.001			
2/17/2020					<0.001		<0.001		
2/18/2020			<0.001	<0.001				<0.001	<0.001
3/17/2020		<0.001	<0.001		<0.001		<0.001		
3/18/2020	<0.001			<0.001		<0.001			
3/25/2020								0.00044 (J)	
3/26/2020									<0.001
9/14/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/30/2021	<0.001	<0.001				<0.001			
3/31/2021			<0.001	<0.001	<0.001				
4/1/2021								<0.001	0.00044 (J)
4/7/2021							<0.001		
8/17/2021	<0.001	<0.001		<0.001			<0.001		
8/18/2021			<0.001		<0.001	<0.001		<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/10/2022						<0.001			
8/17/2022	0.00028 (J)	<0.001							
8/18/2022			<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/19/2022								<0.001	
2/21/2023	<0.001		<0.001		<0.001				
2/22/2023		<0.001		0.00029 (J)				<0.001	<0.001
2/23/2023						<0.001	<0.001		
8/1/2023	<0.001	<0.001			<0.001			<0.001	
8/7/2023			<0.001	<0.001					
8/8/2023						<0.001	<0.001		<0.001
2/20/2024	<0.001	<0.001		<0.001				<0.001	
2/21/2024			<0.001		<0.001	<0.001			<0.001
2/27/2024							<0.001		
7/31/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/1/2024								<0.001	
2/19/2025				<0.001		<0.001	<0.001		<0.001
2/20/2025	<0.001	<0.001	<0.001		<0.001			<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	<0.001	<0.001	<0.001	0.00103 (J)	<0.001				
5/12/2016						<0.001	<0.001	<0.001	<0.001
6/27/2016	<0.001								
6/28/2016			<0.001	0.0011 (J)	0.001 (J)	<0.001	<0.001	0.0026 (J)	<0.001
6/29/2016		0.0009 (J)							
8/17/2016	<0.001		<0.001	0.0011 (J)					
8/18/2016					0.00091 (J)	<0.001	<0.001	0.0015	<0.001
8/22/2016		<0.001							
10/17/2016	<0.001		<0.001	0.0011 (J)	<0.001	<0.001	<0.001		
10/18/2016		0.00074 (J)						0.0019	<0.001
12/6/2016	<0.001		<0.001	0.00072 (J)	<0.001	<0.001			
12/7/2016		0.00079 (J)					<0.001	0.00079 (J)	<0.001
2/14/2017	0.0005 (J)								
2/15/2017			0.0005 (J)	0.0011 (J)	0.00076 (J)	<0.001	<0.001	0.00073 (J)	
2/16/2017		0.00056 (J)							<0.001
4/12/2017	<0.001		<0.001	0.00076 (J)	0.00046 (J)	0.00047 (J)	0.00057 (J)	0.0009 (J)	
4/13/2017		0.00079 (J)							<0.001
6/27/2017	0.00076 (J)	0.0011 (J)	0.00074 (J)	0.0011 (J)	0.0011 (J)	0.00088 (J)	0.00058 (J)	0.0011 (J)	0.00055 (J)
3/27/2018	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/28/2018		<0.001							
6/6/2018	<0.001	<0.001	<0.001	<0.001	<0.001				
6/7/2018						<0.001	<0.001	<0.001	<0.001
10/8/2018					0.0007 (J)	0.00069 (J)	0.0007 (J)		0.00054 (J)
10/9/2018	0.00053 (J)	0.00068 (J)	<0.001						
10/16/2018				<0.001				<0.001	
2/20/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00075 (J)	<0.001
4/1/2019	0.001 (J)	<0.001	0.00059 (J)	0.0011 (J)	0.0012 (J)	0.0014	0.0012 (J)	0.0016	
4/2/2019									<0.001
9/16/2019		<0.001		<0.001	<0.001				
9/17/2019	0.00035 (J)		<0.001			<0.001	<0.001	0.0008 (J)	<0.001
2/18/2020	<0.001			<0.001					
2/19/2020		0.00039 (J)	<0.001		0.00032 (J)	<0.001	<0.001	0.001	<0.001
3/25/2020	0.00063 (J)	<0.001	<0.001	<0.001					
3/26/2020					0.00032 (J)				
3/27/2020						<0.001	0.0014	0.0016	<0.001
9/14/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
9/15/2020							<0.001	0.0014	<0.001
2/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0013	<0.001
3/31/2021		0.00033 (J)	<0.001					0.0012	
4/1/2021	<0.001								0.00033 (J)
4/6/2021							<0.001		
4/7/2021				<0.001	<0.001	<0.001			
8/18/2021	<0.001								
8/19/2021		<0.001	<0.001	<0.001		<0.001	<0.001	0.0014	<0.001
8/20/2021					<0.001				
2/10/2022	<0.001	<0.001		<0.001	<0.001				<0.001
2/11/2022			<0.001			<0.001		0.0021	
2/14/2022							<0.001		
8/18/2022	<0.001	<0.001		<0.001	<0.001	<0.001			
8/19/2022			<0.001				<0.001	0.00066 (J)	
8/31/2022									<0.001
2/22/2023	<0.001	<0.001	<0.001	<0.001					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/23/2023					<0.001	<0.001	<0.001	0.0012	<0.001
8/2/2023				<0.001		<0.001			
8/7/2023		<0.001	<0.001		<0.001			<0.001	
8/8/2023	<0.001						<0.001		<0.001
2/21/2024	<0.001	<0.001							
2/23/2024			<0.001	<0.001	<0.001	<0.001			
2/26/2024								0.0032	<0.001
2/27/2024							<0.001		
8/1/2024	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	0.0018	<0.001
8/5/2024			<0.001						
2/19/2025	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		<0.001
2/20/2025				<0.001				0.0012	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	<0.001			<0.001	<0.001	<0.001	<0.001		
5/13/2016		0.00161 (J)	<0.001						
6/29/2016	<0.001		<0.001	0.0018 (J)	<0.001	<0.001	<0.001		
6/30/2016		0.004 (J)							
8/18/2016	<0.001								
8/19/2016						<0.001	<0.001		
8/22/2016		0.0012 (J)	<0.001	0.001 (J)	<0.001				
10/18/2016			<0.001	0.00085 (J)	<0.001	<0.001	<0.001		
10/19/2016	0.0011 (J)	0.0019							
12/7/2016	<0.001	0.0012 (J)			<0.001	<0.001	<0.001		
12/8/2016			<0.001	<0.001					
2/15/2017	0.00059 (J)						<0.001		
2/16/2017		0.00086 (J)	<0.001	<0.001	<0.001	<0.001			
4/13/2017	0.00066 (J)	0.00058 (J)	<0.001	<0.001	<0.001	0.0006 (J)	0.00061 (J)		
6/27/2017	0.00075 (J)								
6/28/2017		0.0011 (J)	0.00068 (J)	0.00094 (J)	0.00076 (J)	0.00089 (J)	0.00079 (J)		
3/27/2018	<0.001						<0.001		
3/28/2018		0.0015	<0.001	<0.001	<0.001	<0.001			
6/7/2018	<0.001			<0.001	<0.001	<0.001	<0.001		
6/8/2018		0.002	<0.001						
10/8/2018	0.00075 (J)				<0.001	<0.001	<0.001		
10/9/2018			0.00058 (J)						
10/18/2018		0.0031		<0.001					
1/2/2019		<0.0013							
1/10/2019									<0.001
2/19/2019						<0.001	<0.001		
2/20/2019	<0.001	0.003	<0.001	<0.001	<0.001				
4/2/2019	<0.001	0.0027	<0.001	<0.001	<0.001	<0.001	<0.001		
9/17/2019	<0.001	0.0029	<0.001	0.00037 (J)	<0.001				
9/18/2019						0.00035 (J)	<0.001		
2/13/2020									<0.001
2/18/2020				0.00032 (J)	<0.001	0.00034 (J)	<0.001		
2/19/2020	<0.001		<0.001						
2/20/2020		0.0031							
3/23/2020			<0.001	0.0005 (J)	<0.001				
3/24/2020	<0.001					<0.001	<0.001		
3/26/2020		0.0047							
9/15/2020	<0.001	0.0045	<0.001	0.00051 (J)	<0.001	<0.001	<0.001		
2/10/2021	0.00038 (J)	0.0033	<0.001	0.00059 (J)	<0.001	<0.001	<0.001		
3/30/2021		0.0028	<0.001	0.00049 (J)	<0.001				
3/31/2021						<0.001	<0.001		
4/1/2021	<0.001								
8/18/2021	<0.001	0.0028			<0.001	<0.001	<0.001		
8/19/2021			<0.001	0.00066 (J)					
2/8/2022								<0.001	<0.001
2/10/2022		0.0043				0.00031 (J)	<0.001		
2/11/2022	<0.001		<0.001	0.00081 (J)	<0.001				
8/22/2022			<0.001	0.00042 (J)	<0.001	0.00044 (J)	<0.001		
8/23/2022		0.0021							<0.001
8/24/2022								<0.001	
8/31/2022	<0.001								
2/22/2023	<0.001	0.0015	<0.001	0.00046 (J)					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/23/2023					<0.001	<0.001	<0.001	<0.001	<0.001
8/1/2023									<0.001
8/2/2023								<0.001	
8/7/2023	<0.001	0.00093 (J)	<0.001	<0.001		<0.001			
8/8/2023					<0.001		<0.001		
2/20/2024			<0.001						
2/21/2024						<0.001	<0.001	<0.001	
2/26/2024	<0.001			0.0015					
2/27/2024		0.0018			<0.001				
2/28/2024									<0.001
8/1/2024			<0.001						
8/2/2024				0.00098 (J)	<0.001	<0.001	<0.001		
8/5/2024	<0.001	0.0018						<0.001	<0.001
2/19/2025	<0.001							<0.001	<0.001
2/20/2025				<0.001	<0.001	<0.001			
2/21/2025		0.0012	<0.001				<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							<0.001	
10/17/2018		0.0019						
10/18/2018	<0.001		<0.001	<0.001	<0.001	<0.001		
2/19/2020				<0.001				
2/9/2022	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
2/10/2022			<0.001					0.00059 (J)
8/22/2022					0.00049 (J)			
8/23/2022		0.00028 (J)	<0.001					
8/24/2022	<0.001			<0.001		<0.001	<0.001	0.00074 (J)
2/23/2023	<0.001			<0.001	<0.001			
2/24/2023		<0.001	<0.001			<0.001		0.0007 (J)
2/28/2023							<0.001	
8/1/2023	<0.001		<0.001					
8/2/2023		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/23/2024							<0.001	<0.001
2/26/2024	<0.001							
2/27/2024		<0.001	<0.001	<0.001	<0.001	<0.001		
8/1/2024	<0.001						<0.001	
8/2/2024						<0.001		<0.001
8/5/2024			<0.001		<0.001			
8/6/2024		<0.001		<0.001				
2/20/2025			<0.001		<0.001			
2/21/2025	<0.001			<0.001				
2/24/2025		<0.001				<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	0.0663	0.0409	0.036		0.0112	0.0214	0.0253		
5/11/2016				0.0484				0.0933	0.295
6/23/2016	0.055	0.0342			0.0101	0.0204			
6/24/2016			0.0343	0.0471					
6/27/2016							0.0253	0.101	0.353
8/16/2016	0.048	0.034	0.029		0.0088	0.018			
8/17/2016				0.046			0.021	0.094	0.29
10/13/2016	0.061					0.022			
10/14/2016		0.041	0.034		0.01		0.023		
10/17/2016				0.049				0.11	
10/18/2016									0.29
12/5/2016						0.023			
12/6/2016	0.053	0.042	0.033	0.047	0.011		0.02	0.11	0.31
2/14/2017	0.046	0.035	0.032	0.05	0.01	0.021	0.018	0.056	0.3
4/10/2017						0.021			
4/11/2017	0.046	0.037	0.033	0.053	0.01		0.021		
4/12/2017								0.048	0.3
6/26/2017	0.048	0.037	0.036	0.058	0.011	0.022			
6/27/2017							0.024	0.058	0.36
3/26/2018	0.053	0.036	0.035			0.022			
3/27/2018				0.061	0.01		0.024	0.021	0.27
6/5/2018	0.058	0.038			0.011	0.022	0.024		
6/6/2018			0.036	0.058				0.014	0.24
10/5/2018	0.058	0.036	0.035			0.024			
10/8/2018				0.064	0.011		0.024	0.069	
10/9/2018									0.28
2/18/2019	0.046	0.035		0.057					
2/19/2019			0.033		0.0094	0.019	0.022		
2/20/2019								0.052	0.28
3/28/2019			0.036	0.061	0.0097		0.022		
3/29/2019	0.044	0.039				0.021			
4/1/2019									0.24
4/2/2019								0.069	
9/12/2019					0.012				
9/13/2019						0.025			
9/16/2019	0.048	0.045	0.041	0.068			0.028	0.13	
9/17/2019									0.23
2/13/2020	0.042	0.043				0.025			
2/17/2020					0.01		0.026		
2/18/2020			0.04	0.069				0.083	0.25
3/17/2020		0.039	0.037		0.01		0.025		
3/18/2020	0.046			0.071		0.023			
3/25/2020								0.12	
3/26/2020									0.23
9/14/2020	0.043	0.038	0.039	0.068	0.011	0.024	0.026	0.14	0.27
2/9/2021	0.043	0.037	0.035	0.065	0.01	0.023	0.025	0.12	0.26
3/30/2021	0.047	0.039				0.022			
3/31/2021			0.041	0.068	0.011				
4/1/2021								0.12	0.26
4/7/2021							0.026		
8/17/2021	0.047	0.038		0.066			0.027		
8/18/2021			0.036		0.011	0.025		0.13	0.24

Time Series

Constituent: Barium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	0.044	0.039	0.041	0.069	0.011		0.026	0.13	0.21
2/10/2022						0.025			
8/17/2022	0.046	0.04							
8/18/2022			0.035	0.071	0.011	0.023	0.022		0.2
8/19/2022								0.15	
2/21/2023	0.049		0.045		0.012				
2/22/2023		0.038		0.078				0.12	0.22
2/23/2023						0.028	0.026		
8/1/2023	0.047	0.038			0.013			0.14	
8/7/2023			0.036	0.077					
8/8/2023						0.027	0.024		0.24
2/20/2024	0.045	0.048		0.091				0.13	
2/21/2024			0.042		0.012	0.028			0.22
2/27/2024							0.028		
7/31/2024	0.049	0.038	0.037	0.082	0.013	0.035	0.024		0.25
8/1/2024								0.17	
2/19/2025				0.077		0.029	0.028		0.25
2/20/2025	0.047	0.041	0.038		0.014			0.17	

Time Series

Constituent: Barium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	0.251	0.0494	0.0294	0.038	0.0324				
5/12/2016						0.0198	0.067	0.041	0.0163
6/27/2016	0.205								
6/28/2016			0.0293	0.0363	0.0321	0.0208	0.0668	0.0435	0.0165
6/29/2016		0.0535							
8/17/2016	0.16		0.029	0.033					
8/18/2016					0.03	0.022	0.06	0.043	0.017
8/22/2016		0.049							
10/17/2016	0.17		0.027	0.035	0.032	0.024	0.06		
10/18/2016		0.049						0.041	0.017
12/6/2016	0.16		0.03	0.035	0.032	0.025			
12/7/2016		0.048					0.063	0.042	0.017
2/14/2017	0.18								
2/15/2017			0.025	0.036	0.036	0.026	0.061	0.038	
2/16/2017		0.056							0.017
4/12/2017	0.18		0.028	0.038	0.037	0.029	0.062	0.038	
4/13/2017		0.063							0.019
6/27/2017	0.18	0.067	0.034	0.042	0.042	0.031	0.06	0.041	0.02
3/27/2018	0.17		0.031	0.039	0.043	0.029	0.055	0.035	0.021
3/28/2018		0.069							
6/6/2018	0.18	0.069	0.027	0.041	0.048				
6/7/2018						0.032	0.057	0.035	0.022
10/8/2018					0.049	0.033	0.053		0.025
10/9/2018	0.17	0.077	0.032						
10/16/2018				0.037				0.031	
2/20/2019	0.2	0.077	0.036	0.044	0.054	0.041	0.053	0.036	0.027
4/1/2019	0.19	0.071	0.039	0.041	0.051	0.038	0.054	0.034	
4/2/2019									0.023
9/16/2019		0.077		0.045	0.052				
9/17/2019	0.19		0.029			0.036	0.048	0.034	0.029
2/18/2020	0.17			0.044					
2/19/2020		0.065	0.027		0.053	0.033	0.047	0.031	0.029
3/25/2020	0.19	0.066	0.036	0.046					
3/26/2020					0.051				
3/27/2020						0.034	0.049	0.028	0.027
9/14/2020	0.18	0.059	0.027	0.042	0.057	0.039			
9/15/2020							0.05	0.031	0.031
2/9/2021	0.18	0.054	0.028	0.043	0.058	0.036	0.046	0.029	0.03
3/31/2021		0.061	0.036					0.028	
4/1/2021	0.17								0.029
4/6/2021							0.048		
4/7/2021				0.046	0.058	0.037			
8/18/2021	0.16								
8/19/2021		0.043	0.025	0.045		0.036	0.042	0.027	0.029
8/20/2021					0.057				
2/10/2022	0.18	0.047		0.045	0.057				0.034
2/11/2022			0.025			0.034		0.027	
2/14/2022							0.047		
8/18/2022	0.16	0.05		0.044	0.056	0.036			
8/19/2022			0.027				0.048	0.025	
8/31/2022									0.033
2/22/2023	0.13	0.044	0.038	0.044					

Time Series

Constituent: Barium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/23/2023					0.058	0.035	0.038	0.023	0.035
8/2/2023				0.048		0.036			
8/7/2023		0.049	0.032		0.053			0.031	
8/8/2023	0.13						0.045		0.043
2/21/2024	0.12	0.046							
2/23/2024			0.036	0.062	0.073	0.043			
2/26/2024								0.028	0.05
2/27/2024							0.042		
8/1/2024	0.13	0.046		0.059	0.072	0.048	0.037	0.028	0.054
8/5/2024			0.041						
2/19/2025	0.14	0.035	0.043		0.075	0.044	0.032		0.059
2/20/2025				0.072				0.025	

Time Series

Constituent: Barium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	0.0157			0.0436	0.0914	0.1	0.0959		
5/13/2016		0.0138	0.0507						
6/29/2016	0.0161		0.0485	0.0466	0.0933	0.0991	0.0957		
6/30/2016		0.0145							
8/18/2016	0.016								
8/19/2016						0.096	0.093		
8/22/2016		0.014	0.044	0.038	0.086				
10/18/2016			0.042	0.039	0.093	0.096	0.093		
10/19/2016	0.023	0.016							
12/7/2016	0.018	0.015			0.096	0.09	0.09		
12/8/2016			0.045	0.038					
2/15/2017	0.02						0.09		
2/16/2017		0.013	0.04	0.034	0.091	0.091			
4/13/2017	0.019	0.012	0.037	0.028	0.088	0.091	0.081		
6/27/2017	0.019								
6/28/2017		0.012	0.04	0.03	0.094	0.1	0.085		
3/27/2018	0.02						0.076		
3/28/2018		0.029	0.034	0.027	0.09	0.084			
6/7/2018	0.02			0.029	0.092	0.084	0.082		
6/8/2018		0.032	0.035						
10/8/2018	0.021				0.092	0.084	0.077		
10/9/2018			0.037						
10/18/2018		0.033		0.027					
1/2/2019		0.027							
1/10/2019									0.032
2/19/2019						0.075	0.064		
2/20/2019	0.023	0.034	0.036	0.03	0.1				
4/2/2019	0.02	0.028	0.03	0.023	0.087	0.076	0.068		
9/17/2019	0.025	0.026	0.035	0.025	0.097				
9/18/2019						0.078	0.068		
2/13/2020									0.036
2/18/2020				0.023	0.11	0.085	0.065		
2/19/2020	0.022		0.034						
2/20/2020		0.023							
3/23/2020			0.032	0.024	0.1				
3/24/2020	0.024					0.081	0.065		
3/26/2020		0.02							
9/15/2020	0.025	0.02	0.034	0.024	0.13	0.083	0.064		
2/10/2021	0.023	0.016	0.031	0.023	0.12	0.078	0.066		
3/30/2021		0.015	0.03	0.021	0.12				
3/31/2021						0.072	0.059		
4/1/2021	0.022								
8/18/2021	0.024	0.022			0.12	0.074	0.056		
8/19/2021			0.027	0.02					
2/8/2022								0.049	0.033
2/10/2022		0.013				0.07	0.064		
2/11/2022	0.025		0.032	0.022	0.11				
8/22/2022			0.023	0.021	0.1	0.075	0.056		
8/23/2022		0.012							0.034
8/24/2022								0.046	
8/31/2022	0.033								
2/22/2023	0.024	0.0098 (J)	0.022	0.018					

Time Series

Constituent: Barium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/23/2023					0.1	0.082	0.06	0.049	0.036
8/1/2023									0.034
8/2/2023								0.046	
8/7/2023	0.026	0.0092 (J)	0.022	0.02		0.074			
8/8/2023					0.12		0.058		
2/20/2024			0.024						
2/21/2024						0.075	0.056	0.049	
2/26/2024	0.029			0.021					
2/27/2024		0.01			0.12				
2/28/2024									0.037
8/1/2024			0.025						
8/2/2024				0.023	0.13	0.08	0.06		
8/5/2024	0.025	0.011						0.043	0.031
2/19/2025	0.032							0.041	0.038
2/20/2025				0.022	0.12	0.071			
2/21/2025		0.0093 (J)	0.024				0.064		

Time Series

Constituent: Barium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							0.014	
10/17/2018		0.02						
10/18/2018	0.055		0.089	0.059	0.1	0.12		
2/19/2020				0.032				
2/9/2022	0.06	0.04		0.026	0.056	0.085	0.0078 (J)	
2/10/2022			0.042					0.14
8/22/2022					0.052			
8/23/2022		0.039	0.055					
8/24/2022	0.058			0.025		0.07	0.0079 (J)	0.13
2/23/2023	0.062			0.026	0.052			
2/24/2023		0.045	0.039			0.076		0.16
2/28/2023							0.008 (J)	
8/1/2023	0.054		0.038					
8/2/2023		0.043		0.023	0.05	0.074	0.0092 (J)	0.17
2/23/2024							0.009 (J)	0.19
2/26/2024	0.068							
2/27/2024		0.042	0.036	0.025	0.05	0.074		
8/1/2024	0.063						0.01	
8/2/2024						0.075		0.19
8/5/2024			0.033		0.051			
8/6/2024		0.038		0.023				
2/20/2025			0.033		0.047			
2/21/2025	0.06			0.024				
2/24/2025		0.043				0.07	0.0099 (J)	0.18

Time Series

Constituent: Beryllium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025		
5/11/2016				<0.0025				<0.0025	<0.0025
6/23/2016	0.0002 (J)	<0.0025			<0.0025	<0.0025			
6/24/2016			<0.0025	<0.0025					
6/27/2016							<0.0025	<0.0025	<0.0025
8/16/2016	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025			
8/17/2016				<0.0025			<0.0025	<0.0025	<0.0025
10/13/2016	<0.0025					<0.0025			
10/14/2016		<0.0025	<0.0025		<0.0025		<0.0025		
10/17/2016				<0.0025				<0.0025	
10/18/2016									<0.0025
12/5/2016						<0.0025			
12/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
2/14/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/10/2017						<0.0025			
4/11/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025		
4/12/2017								<0.0025	<0.0025
6/26/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
6/27/2017							<0.0025	<0.0025	<0.0025
3/26/2018	<0.0025	<0.0025	<0.0025			<0.0025			
3/27/2018				<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
6/5/2018	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025		
6/6/2018			<0.0025	<0.0025				<0.0025	<0.0025
10/5/2018	<0.0025	<0.0025	<0.0025			<0.0025			
10/8/2018				<0.0025	<0.0025		<0.0025	<0.0025	
10/9/2018									<0.0025
2/18/2019	<0.0025	<0.0025		<0.0025					
2/19/2019			<0.0025		<0.0025	<0.0025	<0.0025		
2/20/2019								<0.0025	<0.0025
3/28/2019			<0.0025	<0.0025	<0.0025		<0.0025		
3/29/2019	<0.0025	<0.0025				<0.0025			
4/1/2019									<0.0025
4/2/2019								<0.0025	
9/12/2019					<0.0025				
9/13/2019						<0.0025			
9/16/2019	0.00028 (J)	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025	
9/17/2019									<0.0025
2/13/2020	0.00031 (J)	<0.0025				<0.0025			
2/17/2020					<0.0025		<0.0025		
2/18/2020			<0.0025	<0.0025				<0.0025	<0.0025
3/17/2020		<0.0025	<0.0025		<0.0025		<0.0025		
3/18/2020	0.00029 (J)			0.00018 (J)		<0.0025			
3/25/2020								0.0002 (J)	
3/26/2020									<0.0025
9/14/2020	0.00051 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/9/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/30/2021	0.00025 (J)	<0.0025				<0.0025			
3/31/2021			<0.0025	<0.0025	<0.0025				
4/1/2021								<0.0025	<0.0025
4/7/2021							<0.0025		
8/17/2021	0.00029 (J)	<0.0025		<0.0025			<0.0025		
8/18/2021			<0.0025		<0.0025	<0.0025		<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
2/10/2022						<0.0025			
8/17/2022	0.00027 (J)	<0.0025							
8/18/2022			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/19/2022								<0.0025	
2/21/2023	0.00036 (J)		<0.0025		<0.0025				
2/22/2023		<0.0025		<0.0025				<0.0025	<0.0025
2/23/2023						<0.0025	<0.0025		
8/1/2023	0.00031 (J)	<0.0025			<0.0025			<0.0025	
8/7/2023			<0.0025	<0.0025					
8/8/2023						<0.0025	<0.0025		<0.0025
2/20/2024	0.00032 (J)	<0.0025		<0.0025				<0.0025	
2/21/2024			<0.0025		<0.0025	<0.0025			0.00033 (J)
2/27/2024							<0.0025		
7/31/2024	0.00023 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/1/2024								<0.0025	
2/19/2025				<0.0025		<0.0025	<0.0025		<0.0025
2/20/2025	0.00037 (J)	<0.0025	<0.0025		<0.0025			<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025				
5/12/2016						<0.0025	<0.0025	<0.0025	<0.0025
6/27/2016	<0.0025								
6/28/2016			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0003 (J)	<0.0025
6/29/2016		<0.0025							
8/17/2016	<0.0025		<0.0025	<0.0025					
8/18/2016					<0.0025	<0.0025	<0.0025	0.00037 (J)	<0.0025
8/22/2016		<0.0025							
10/17/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
10/18/2016		<0.0025						<0.0025	<0.0025
12/6/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
12/7/2016		<0.0025					<0.0025	<0.0025	<0.0025
2/14/2017	<0.0025								
2/15/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00037 (J)	
2/16/2017		<0.0025							<0.0025
4/12/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00035 (J)	
4/13/2017		<0.0025							<0.0025
6/27/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0004 (J)	<0.0025
3/27/2018	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00041 (J)	<0.0025
3/28/2018		<0.0025							
6/6/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025				
6/7/2018						<0.0025	<0.0025	0.00038 (J)	<0.0025
10/8/2018					<0.0025	<0.0025	<0.0025		<0.0025
10/9/2018	<0.0025	<0.0025	<0.0025						
10/16/2018				<0.0025				0.0004 (J)	
2/20/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00042 (J)	<0.0025
4/1/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00034 (J)	
4/2/2019									<0.0025
9/16/2019		<0.0025		<0.0025	<0.0025				
9/17/2019	0.00019 (J)		<0.0025			<0.0025	<0.0025	0.00046 (J)	<0.0025
2/18/2020	<0.0025			<0.0025					
2/19/2020		<0.0025	0.00026 (J)		<0.0025	<0.0025	<0.0025	0.00045 (J)	<0.0025
3/25/2020	0.0003 (J)	<0.0025	<0.0025	<0.0025					
3/26/2020					<0.0025				
3/27/2020						<0.0025	0.00053 (J)	0.00059 (J)	<0.0025
9/14/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
9/15/2020							0.0002 (J)	0.00053 (J)	<0.0025
2/9/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00044 (J)	<0.0025
3/31/2021		<0.0025	<0.0025					0.00045 (J)	
4/1/2021	<0.0025								<0.0025
4/6/2021							<0.0025		
4/7/2021				<0.0025	<0.0025	<0.0025			
8/18/2021	<0.0025								
8/19/2021		<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	0.00033 (J)	<0.0025
8/20/2021					<0.0025				
2/10/2022	<0.0025	<0.0025		<0.0025	<0.0025				<0.0025
2/11/2022			<0.0025			<0.0025		0.0004 (J)	
2/14/2022							<0.0025		
8/18/2022	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025			
8/19/2022			<0.0025				<0.0025	0.00039 (J)	
8/31/2022									<0.0025
2/22/2023	<0.0025	<0.0025	<0.0025	<0.0025					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/23/2023					<0.0025	<0.0025	<0.0025	0.00038 (J)	<0.0025
8/2/2023				<0.0025		<0.0025			
8/7/2023		<0.0025	<0.0025		<0.0025			0.00046 (J)	
8/8/2023	<0.0025						<0.0025		<0.0025
2/21/2024	<0.0025	<0.0025							
2/23/2024			<0.0025	<0.0025	<0.0025	<0.0025			
2/26/2024								0.00051 (J)	<0.0025
2/27/2024							<0.0025		
8/1/2024	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	0.00052 (J)	<0.0025
8/5/2024			<0.0025						
2/19/2025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025		<0.0025
2/20/2025				<0.0025				0.00054 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	<0.0025			0.000742 (J)	<0.0025	<0.0025	<0.0025		
5/13/2016		<0.0025	<0.0025						
6/29/2016	<0.0025		0.0002 (J)	0.0007 (J)	<0.0025	<0.0025	<0.0025		
6/30/2016		0.0003 (J)							
8/18/2016	<0.0025								
8/19/2016						<0.0025	<0.0025		
8/22/2016		<0.0025	<0.0025	0.00074 (J)	<0.0025				
10/18/2016			<0.0025	0.00075 (J)	<0.0025	<0.0025	<0.0025		
10/19/2016	<0.0025	<0.0025							
12/7/2016	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025		
12/8/2016			<0.0025	0.00093 (J)					
2/15/2017	<0.0025						<0.0025		
2/16/2017		<0.0025	<0.0025	0.00091 (J)	<0.0025	<0.0025			
4/13/2017	<0.0025	<0.0025	<0.0025	0.00065 (J)	<0.0025	<0.0025	<0.0025		
6/27/2017	<0.0025								
6/28/2017		<0.0025	<0.0025	0.00073 (J)	<0.0025	<0.0025	<0.0025		
3/27/2018	<0.0025						<0.0025		
3/28/2018		0.00036 (J)	<0.0025	0.00079 (J)	<0.0025	<0.0025			
6/7/2018	<0.0025			0.00086 (J)	<0.0025	<0.0025	<0.0025		
6/8/2018		0.00035 (J)	<0.0025						
10/8/2018	<0.0025				<0.0025	<0.0025	<0.0025		
10/9/2018			<0.0025						
10/18/2018		<0.0025		0.00079 (J)					
1/2/2019		<0.0025							
1/10/2019									<0.0025
2/19/2019						<0.0025	<0.0025		
2/20/2019	<0.0025	0.00033 (J)	0.00016 (J)	0.00077 (J)	<0.0025				
4/2/2019	<0.0025	<0.0025	<0.0025	0.00043 (J)	<0.0025	<0.0025	<0.0025		
9/17/2019	<0.0025	0.00035 (J)	<0.0025	0.00057 (J)	<0.0025				
9/18/2019						<0.0025	<0.0025		
2/13/2020									<0.0025
2/18/2020				0.00052 (J)	<0.0025	<0.0025	<0.0025		
2/19/2020	<0.0025		<0.0025						
2/20/2020		0.00049 (J)							
3/23/2020			<0.0025	0.00077 (J)	<0.0025				
3/24/2020	<0.0025					<0.0025	<0.0025		
3/26/2020		0.00033 (J)							
9/15/2020	<0.0025	0.0003 (J)	0.00018 (J)	0.00078 (J)	<0.0025	0.00033 (J)	<0.0025		
2/10/2021	0.00028 (J)	0.00036 (J)	0.00019 (J)	0.0009 (J)	<0.0025	<0.0025	<0.0025		
3/30/2021		0.00025 (J)	0.00018 (J)	0.00058 (J)	<0.0025				
3/31/2021						<0.0025	<0.0025		
4/1/2021	<0.0025								
8/18/2021	<0.0025	0.00035 (J)			<0.0025	<0.0025	<0.0025		
8/19/2021			<0.0025	0.00091 (J)					
2/8/2022								<0.0025	<0.0025
2/10/2022		<0.0025				<0.0025	<0.0025		
2/11/2022	<0.0025		<0.0025	0.00074 (J)	<0.0025				
8/22/2022			<0.0025	0.00062 (J)	<0.0025	<0.0025	<0.0025		
8/23/2022		<0.0025							<0.0025
8/24/2022								<0.0025	
8/31/2022	<0.0025								
2/22/2023	<0.0025	<0.0025	<0.0025	0.00044 (J)					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/23/2023					<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/1/2023									<0.0025
8/2/2023								<0.0025	
8/7/2023	<0.0025	0.0002 (J)	<0.0025	0.00052 (J)		<0.0025			
8/8/2023					<0.0025		<0.0025		
2/20/2024			<0.0025						
2/21/2024						<0.0025	<0.0025	<0.0025	
2/26/2024	<0.0025			0.001 (J)					
2/27/2024		<0.0025			<0.0025				
2/28/2024									<0.0025
8/1/2024			0.00022 (J)						
8/2/2024				0.00087 (J)	<0.0025	<0.0025	<0.0025		
8/5/2024	<0.0025	<0.0025						<0.0025	<0.0025
2/19/2025	<0.0025							<0.0025	<0.0025
2/20/2025				0.0011 (J)	<0.0025	<0.0025			
2/21/2025		<0.0025	<0.0025				<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							<0.0025	
10/17/2018		<0.0025						
10/18/2018	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025		
2/19/2020				<0.0025				
2/9/2022	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	
2/10/2022			<0.0025					<0.0025
8/22/2022					<0.0025			
8/23/2022		<0.0025	<0.0025					
8/24/2022	<0.0025			<0.0025		<0.0025	<0.0025	<0.0025
2/23/2023	<0.0025			<0.0025	<0.0025			
2/24/2023		<0.0025	<0.0025			<0.0025		<0.0025
2/28/2023							<0.0025	
8/1/2023	<0.0025		<0.0025					
8/2/2023		<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/23/2024							<0.0025	<0.0025
2/26/2024	<0.0025							
2/27/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
8/1/2024	<0.0025						<0.0025	
8/2/2024						<0.0025		<0.0025
8/5/2024			<0.0025		<0.0025			
8/6/2024		<0.0025		<0.0025				
2/20/2025			<0.0025		<0.0025			
2/21/2025	<0.0025			<0.0025				
2/24/2025		<0.0025				<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08		
5/11/2016				<0.08				<0.08	0.0359 (J)
6/23/2016	<0.08	<0.08			<0.08	<0.08			
6/24/2016			0.0109 (J)	0.0067 (J)					
6/27/2016							0.0052 (J)	0.0051 (J)	0.0354 (J)
8/16/2016	<0.08	<0.08	<0.08		<0.08	<0.08			
8/17/2016				<0.08			<0.08	<0.08	0.039 (J)
10/13/2016	<0.08					<0.08			
10/14/2016		<0.08	<0.08		<0.08		<0.08		
10/17/2016				<0.08				<0.08	
10/18/2016									0.039 (J)
12/5/2016						<0.08			
12/6/2016	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08	0.03 (J)
2/14/2017	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	0.031 (J)
4/10/2017						<0.08			
4/11/2017	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08		
4/12/2017								<0.08	0.039 (J)
6/26/2017	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08			
6/27/2017							<0.08	<0.08	0.028 (J)
10/10/2017	<0.08	<0.08				<0.08			
10/11/2017			<0.08	<0.08	<0.08		<0.08	<0.08	0.026 (J)
6/5/2018	<0.08	<0.08			<0.08	<0.08	<0.08		
6/6/2018			<0.08	<0.08				<0.08	<0.08
12/13/2018	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08		
12/14/2018								<0.08	<0.08
3/28/2019			<0.08	<0.08	<0.08		<0.08		
3/29/2019	<0.08	<0.08				<0.08			
4/1/2019									0.025 (J)
4/2/2019								<0.08	
9/12/2019					<0.08				
9/13/2019						<0.08			
9/16/2019	0.13	0.089	0.05	<0.08			<0.08	0.04 (J)	
9/17/2019									<0.08
3/17/2020		<0.08	<0.08		<0.08		<0.08		
3/18/2020	<0.08			<0.08		<0.08			
3/25/2020								<0.08	
3/26/2020									0.055 (J)
9/14/2020	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
3/30/2021	0.041 (J)	0.045 (J)				0.072 (J)			
3/31/2021			<0.08	<0.08	<0.08				
4/1/2021								<0.08	0.069 (J)
4/7/2021							<0.08		
8/17/2021	<0.08	<0.08		<0.08			<0.08		
8/18/2021			<0.08		<0.08	<0.08		<0.08	0.047 (J)
2/9/2022	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08
2/10/2022						<0.08			
8/17/2022	<0.08	<0.08							
8/18/2022			0.072 (J)	<0.08	<0.08	<0.08	<0.08		0.1
8/19/2022								<0.08	
2/21/2023	<0.08		<0.08		<0.08				
2/22/2023		<0.08		<0.08				<0.08	0.064 (J)
2/23/2023						0.18	0.1		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/1/2023	0.029 (J)	0.044 (J)			0.057 (J)			0.037 (J)	
8/7/2023			<0.08	<0.08					
8/8/2023						<0.08	<0.08		<0.08
2/20/2024	<0.08	<0.08		<0.08				<0.08	
2/21/2024			<0.08		<0.08	<0.08			<0.08
2/27/2024							0.023 (J)		
7/31/2024	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08
8/1/2024								<0.08	
2/19/2025				0.032 (J)		<0.08	<0.08		<0.08
2/20/2025	0.033 (J)	0.032 (J)	0.068 (J)		0.023 (J)			0.069 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	0.0678 (J)	1.54	0.0275 (J)	0.242	<0.08				
5/12/2016						0.599	1.38	1.57	0.562
6/27/2016	0.0767 (J)								
6/28/2016			0.035 (J)	0.245	0.0054 (J)	0.52	1.29	1.36	0.546
6/29/2016		1.52							
8/17/2016	0.067		0.028 (J)	0.26					
8/18/2016					<0.08	0.51	1.3	1.5	0.54
8/22/2016		1.6							
10/17/2016	0.059		0.032 (J)	0.25	<0.08	0.58	1.6		
10/18/2016		2.4						1.9	0.55
12/6/2016	0.054		<0.05	0.27	<0.08	0.5			
12/7/2016		1.6					1.5	1.5	0.56
2/14/2017	0.063								
2/15/2017			0.035 (J)	0.28	<0.08	0.5	1.5	1.5	
2/16/2017		1.6							0.58
4/12/2017	0.068		0.052	0.29	<0.08	0.47	1.4	1.7	
4/13/2017		1.7							0.56
6/27/2017	0.067	1.8	<0.05	0.29	<0.08	0.51	1.6	1.7	0.56
10/11/2017				0.31	<0.08	0.49	1.5		
10/12/2017	0.075	1.8	0.049 (J)					1.6	0.57
6/6/2018	0.059	1.8	0.07	0.37	<0.08				
6/7/2018						0.45	1.6	1.7	0.59
10/16/2018				0.35				1.5	
12/14/2018	0.064				<0.08	0.47	1.4		
12/17/2018		1.6	0.098						0.55
4/1/2019	0.076	1.7	0.16	0.46	<0.08	0.57	1.7	1.6	
4/2/2019									0.53
9/16/2019		1.6		0.39	<0.08				
9/17/2019	0.11		0.077			0.43	1.4	1.4	0.55
3/25/2020	0.089	1.6	0.12	0.45					
3/26/2020					<0.08				
3/27/2020						0.49	1.5	1.4	0.59
9/14/2020	0.1	1.7	0.082	0.43	<0.08	0.49			
9/15/2020							1.5	1.4	0.57
3/31/2021		1.5	0.15					1.4	
4/1/2021	0.14								0.55
4/6/2021							1.6		
4/7/2021				0.68	<0.08	0.59			
8/18/2021	0.14								
8/19/2021		1.5	0.091	0.54		0.59	1.7	1.6	0.72
8/20/2021					0.043 (J)				
2/10/2022	0.16	1.3		0.53	<0.08				0.63
2/11/2022			0.09			0.48		1.2	
2/14/2022							1.5		
8/18/2022	0.14	1.4		0.57	0.061 (J)	0.55			
8/19/2022			0.083				1.4	1.3	
8/31/2022									0.67
2/22/2023	0.11	1.6	0.28	0.75					
2/23/2023					0.079 (J)	0.69	1.7	2.2	0.87
8/2/2023				0.57		0.64			
8/7/2023		1.6	0.19		0.024 (J)			1.4	
8/8/2023	0.046 (J)						1.6		0.73

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/21/2024	0.036 (J)	1.6							
2/23/2024			0.24	0.75	0.043 (J)	0.76			
2/26/2024								1.3	0.78
2/27/2024							1.6		
8/1/2024	<0.08	1.8		0.69	<0.08	0.86	1.6	1.6	0.9
8/5/2024			0.28						
2/19/2025	0.042 (J)	1.4	0.31		0.039 (J)	0.96	1.6		0.88
2/20/2025				0.87				1.3	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	0.195			1.99	1.4	0.411	0.691		
5/13/2016		3.71	1.87						
6/29/2016	0.198		1.67	1.88	1.25	0.373	0.557		
6/30/2016		3.8							
8/18/2016	0.24								
8/19/2016						0.37	0.58		
8/22/2016		3.3	1.7	2	1.3				
10/18/2016			2.1	2.5	1.7	0.41	0.68		
10/19/2016	0.37	4.5							
12/7/2016	0.4	4.8			1.3	0.36	0.6		
12/8/2016			1.7	1.9					
2/15/2017	0.38						0.82		
2/16/2017		3.9	2.3	2.3	1.4	0.38			
4/13/2017	0.34	3.8	1.9	2	1.4	0.4	0.54		
6/27/2017	0.33								
6/28/2017		3.6	1.9	2.3	1.4	0.35	0.59		
10/12/2017	0.47	3.9	1.9	2.6	1.4	0.4	0.54		
6/7/2018	0.35			2.1	1.4	0.41	0.71		
6/8/2018		4.3	1.8						
10/18/2018		4.9		2.3					
12/14/2018	0.44								
12/17/2018			1.8		1.2	0.4	0.6		
1/2/2019		4.1							
1/10/2019									<0.08
4/2/2019	0.32	5.3	2	2	1.2	0.44	0.52		
9/17/2019	0.43	5	1.8	1.8	1.1				
9/18/2019						0.52	0.54		
2/13/2020									<0.08
3/23/2020			1.7	1.9	0.83				
3/24/2020	0.37					0.34	0.55		
3/26/2020		6							
9/15/2020	0.38	6.2	1.9	1.8	1.2	0.5	0.38		
3/30/2021		6.4	1.9	1.6	1.1				
3/31/2021						0.47	0.51		
4/1/2021	0.31								
8/18/2021	0.32	6.6			1.1	0.44	0.42		
8/19/2021			2.1	1.9					
2/8/2022								<0.08	<0.08
2/10/2022		6.4				0.54	0.45		
2/11/2022	0.27		1.7	1.5	1				
8/22/2022			1.7	1.6	1.2	0.57	0.46		
8/23/2022		6.8							<0.08
8/24/2022								<0.08	
8/31/2022	0.31								
2/22/2023	0.34	8.1	2	1.7					
2/23/2023					1.3	0.63	0.81	<0.08	<0.08
8/1/2023									0.031 (J)
8/2/2023								<0.08	
8/7/2023	0.3	6.6	1.9	1.8		0.52			
8/8/2023					1.2		0.41		
2/20/2024			2						
2/21/2024						0.45	0.47	<0.08	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/26/2024	0.33			1.7					
2/27/2024		6.3			1.2				
2/28/2024									0.075 (J)
8/1/2024			2.3						
8/2/2024				1.8	1.3	0.52	0.4		
8/5/2024	0.34	5.9						0.039 (J)	0.051 (J)
2/19/2025	0.39							<0.08	0.05 (J)
2/20/2025				1.9	1.3	0.52			
2/21/2025		5.5	2				0.35		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							<0.08	
10/17/2018		<0.08						
10/18/2018	0.067		3.8	3.5	2.6	0.82		
2/13/2020				3.4				
2/19/2020				3.2				
4/5/2021				3.2				
8/19/2021				2.2				
2/9/2022	0.16	<0.08		3.2	2.7	0.9	<0.08	
2/10/2022			4.1					0.44
8/22/2022					2.7			
8/23/2022		<0.08	4.8					
8/24/2022	0.2			3.2		1.1	0.083	0.43
2/23/2023	0.2			3.8	3			
2/24/2023		0.51	4.2			1.1		0.76
2/28/2023							<0.08	
8/1/2023	0.2		4.9					
8/2/2023		<0.08		3.5	2.9	1	0.037 (J)	0.47
2/23/2024							<0.08	0.49
2/26/2024	0.19							
2/27/2024		<0.08	4.3	3.7	3	1.1		
8/1/2024	0.19						0.026 (J)	
8/2/2024						1.1		0.48
8/5/2024			4.2		3.3			
8/6/2024		<0.08		3.7				
2/20/2025			4.6		2.3			
2/21/2025	0.18			3.8				
2/24/2025		<0.08				1.1	0.053 (J)	0.4

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	0.000156 (J)	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025		
5/11/2016				<0.0025				<0.0025	<0.0025
6/23/2016	<0.0025	<0.0025			<0.0025	<0.0025			
6/24/2016			<0.0025	<0.0025					
6/27/2016							<0.0025	<0.0025	<0.0025
8/16/2016	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025			
8/17/2016				<0.0025			<0.0025	<0.0025	<0.0025
10/13/2016	<0.0025					<0.0025			
10/14/2016		<0.0025	<0.0025		<0.0025		<0.0025		
10/17/2016				<0.0025				<0.0025	
10/18/2016									<0.0025
12/5/2016						<0.0025			
12/6/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
2/14/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/10/2017						<0.0025			
4/11/2017	<0.0025	<0.0025	<0.0025	<0.0025	0.0011 (J)		<0.0025		
4/12/2017								<0.0025	<0.0025
6/26/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
6/27/2017							<0.0025	<0.0025	<0.0025
3/26/2018	<0.0025	<0.0025	<0.0025			<0.0025			
3/27/2018				<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
10/5/2018	<0.0025	<0.0025	<0.0025			<0.0025			
10/8/2018				<0.0025	<0.0025		<0.0025	<0.0025	
10/9/2018									<0.0025
2/18/2019	<0.0025	<0.0025		<0.0025					
2/19/2019			<0.0025		<0.0025	<0.0025	<0.0025		
2/20/2019								<0.0025	<0.0025
3/28/2019			<0.0025	<0.0025	<0.0025		<0.0025		
3/29/2019	<0.0025	<0.0025				<0.0025			
4/1/2019									<0.0025
4/2/2019								<0.0025	
9/12/2019					<0.0025				
9/13/2019						<0.0025			
9/16/2019	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025	
9/17/2019									<0.0025
2/13/2020	<0.0025	<0.0025				<0.0025			
2/17/2020					<0.0025		<0.0025		
2/18/2020			<0.0025	<0.0025				<0.0025	<0.0025
3/17/2020		<0.0025	<0.0025		<0.0025		<0.0025		
3/18/2020	<0.0025			<0.0025		<0.0025			
3/25/2020								0.00022 (J)	
3/26/2020									<0.0025
9/14/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/9/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/30/2021	<0.0025	<0.0025				<0.0025			
3/31/2021			<0.0025	<0.0025	<0.0025				
4/1/2021								<0.0025	<0.0025
4/7/2021							<0.0025		
8/17/2021	<0.0025	<0.0025		<0.0025			<0.0025		
8/18/2021			<0.0025		<0.0025	<0.0025		<0.0025	<0.0025
2/9/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
2/10/2022						<0.0025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/17/2022	<0.0025	<0.0025							
8/18/2022			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/19/2022								<0.0025	
2/21/2023	<0.0025		<0.0025		<0.0025				
2/22/2023		<0.0025		<0.0025				<0.0025	<0.0025
2/23/2023						<0.0025	<0.0025		
8/1/2023	<0.0025	<0.0025			<0.0025			<0.0025	
8/7/2023			<0.0025	<0.0025					
8/8/2023						<0.0025	<0.0025		<0.0025
2/20/2024	<0.0025	<0.0025		<0.0025				<0.0025	
2/21/2024			<0.0025		<0.0025	<0.0025			<0.0025
2/27/2024							<0.0025		
7/31/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/1/2024								<0.0025	
2/19/2025				<0.0025		<0.0025	<0.0025		<0.0025
2/20/2025	<0.0025	<0.0025	<0.0025		<0.0025			<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025				
5/12/2016						<0.0025	0.000136 (J)	0.000265 (J)	<0.0025
6/27/2016	<0.0025								
6/28/2016			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0003 (J)	<0.0025
6/29/2016		<0.0025							
8/17/2016	<0.0025		<0.0025	<0.0025					
8/18/2016					<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/22/2016		<0.0025							
10/17/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
10/18/2016		<0.0025						<0.0025	<0.0025
12/6/2016	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025			
12/7/2016		<0.0025					<0.0025	<0.0025	<0.0025
2/14/2017	<0.0025								
2/15/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00044 (J)	
2/16/2017		<0.0025							<0.0025
4/12/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
4/13/2017		<0.0025							<0.0025
6/27/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/27/2018	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/28/2018		<0.0025							
10/8/2018					<0.0025	<0.0025	<0.0025		<0.0025
10/9/2018	<0.0025	<0.0025	<0.0025						
10/16/2018				<0.0025				<0.0025	
2/20/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00033 (J)	<0.0025
4/1/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
4/2/2019									<0.0025
9/16/2019		<0.0025		<0.0025	<0.0025				
9/17/2019	<0.0025		<0.0025			<0.0025	<0.0025	0.00034 (J)	<0.0025
2/18/2020	<0.0025			<0.0025					
2/19/2020		<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	0.0003 (J)	<0.0025
3/25/2020	0.00031 (J)	<0.0025	<0.0025	<0.0025					
3/26/2020					<0.0025				
3/27/2020						<0.0025	0.00057 (J)	0.00042 (J)	<0.0025
9/14/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
9/15/2020							<0.0025	0.00032 (J)	<0.0025
2/9/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0003 (J)	<0.0025
3/31/2021		<0.0025	<0.0025					0.00027 (J)	
4/1/2021	<0.0025								<0.0025
4/6/2021							<0.0025		
4/7/2021				<0.0025	<0.0025	<0.0025			
8/18/2021	<0.0025								
8/19/2021		<0.0025	<0.0025	0.00022 (J)		<0.0025	<0.0025	0.00026 (J)	<0.0025
8/20/2021					<0.0025				
2/10/2022	<0.0025	<0.0025		<0.0025	<0.0025				<0.0025
2/11/2022			<0.0025			<0.0025		0.00024 (J)	
2/14/2022							<0.0025		
8/18/2022	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025			
8/19/2022			<0.0025				<0.0025	0.00024 (J)	
8/31/2022									<0.0025
2/22/2023	<0.0025	<0.0025	<0.0025	<0.0025					
2/23/2023					<0.0025	<0.0025	<0.0025	0.00023 (J)	<0.0025
8/2/2023				<0.0025		<0.0025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
8/7/2023		<0.0025	<0.0025		<0.0025			0.00046 (J)	
8/8/2023	<0.0025						0.00011 (J)		<0.0025
2/21/2024	<0.0025	<0.0025							
2/23/2024			<0.0025	<0.0025	<0.0025	<0.0025			
2/26/2024								0.00047 (J)	<0.0025
2/27/2024							<0.0025		
8/1/2024	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	8E-05 (J)	0.00033 (J)	<0.0025
8/5/2024			<0.0025						
2/19/2025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	0.00011 (J)		<0.0025
2/20/2025				<0.0025				0.00024 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	<0.0025			0.000108 (J)	<0.0025	<0.0025	<0.0025		
5/13/2016		0.00016 (J)	<0.0025						
6/29/2016	<0.0025		<0.0025	0.0001 (J)	<0.0025	<0.0025	<0.0025		
6/30/2016		0.0002 (J)							
8/18/2016	<0.0025								
8/19/2016						<0.0025	<0.0025		
8/22/2016		<0.0025	<0.0025	<0.0025	<0.0025				
10/18/2016			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
10/19/2016	<0.0025	<0.0025							
12/7/2016	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025		
12/8/2016			<0.0025	<0.0025					
2/15/2017	<0.0025						<0.0025		
2/16/2017		<0.0025	0.00036 (J)	<0.0025	0.00039 (J)	<0.0025			
4/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
6/27/2017	<0.0025								
6/28/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
3/27/2018	<0.0025						<0.0025		
3/28/2018		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
10/8/2018	<0.0025				<0.0025	<0.0025	<0.0025		
10/9/2018			<0.0025						
10/18/2018		<0.0025		<0.0025					
1/10/2019									<0.0025
2/19/2019						<0.0025	<0.0025		
2/20/2019	<0.0025	0.00023 (J)	<0.0025	<0.0025	<0.0025				
4/2/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
9/17/2019	<0.0025	0.00018 (J)	<0.0025	<0.0025	<0.0025				
9/18/2019						<0.0025	<0.0025		
2/13/2020									<0.0025
2/18/2020				<0.0025	<0.0025	<0.0025	<0.0025		
2/19/2020	<0.0025		<0.0025						
2/20/2020		0.00032 (J)							
3/23/2020			<0.0025	<0.0025	<0.0025				
3/24/2020	<0.0025					<0.0025	<0.0025		
3/26/2020		<0.0025							
9/15/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
2/10/2021	<0.0025	0.00035 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
3/30/2021		<0.0025	<0.0025	<0.0025	<0.0025				
3/31/2021						<0.0025	<0.0025		
4/1/2021	<0.0025								
8/18/2021	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025		
8/19/2021			<0.0025	<0.0025					
2/8/2022								<0.0025	<0.0025
2/10/2022		<0.0025				<0.0025	<0.0025		
2/11/2022	<0.0025		<0.0025	<0.0025	<0.0025				
8/22/2022			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
8/23/2022		<0.0025							<0.0025
8/24/2022								<0.0025	
8/31/2022	<0.0025								
2/22/2023	<0.0025	<0.0025	<0.0025	<0.0025					
2/23/2023					<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/1/2023									<0.0025
8/2/2023								<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
8/7/2023	<0.0025	0.00024 (J)	0.0001 (J)	0.00013 (J)		<0.0025			
8/8/2023					<0.0025		<0.0025		
2/20/2024			<0.0025						
2/21/2024						<0.0025	<0.0025	<0.0025	
2/26/2024	<0.0025			0.00015 (J)					
2/27/2024		0.00032 (J)			<0.0025				
2/28/2024									<0.0025
8/1/2024			<0.0025						
8/2/2024				<0.0025	<0.0025	<0.0025	<0.0025		
8/5/2024	<0.0025	0.00013 (J)						<0.0025	<0.0025
2/19/2025	<0.0025							<0.0025	<0.0025
2/20/2025				9E-05 (J)	<0.0025	<0.0025			
2/21/2025		<0.0025	<0.0025				<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
2/19/2020				<0.0025				
2/9/2022	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	
2/10/2022			<0.0025					<0.0025
8/22/2022					<0.0025			
8/23/2022		<0.0025	<0.0025					
8/24/2022	<0.0025			<0.0025		<0.0025	<0.0025	<0.0025
2/23/2023	<0.0025			<0.0025	<0.0025			
2/24/2023		<0.0025	<0.0025			<0.0025		<0.0025
2/28/2023							<0.0025	
8/1/2023	<0.0025		<0.0025					
8/2/2023		<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/23/2024							<0.0025	<0.0025
2/26/2024	<0.0025							
2/27/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
8/1/2024	<0.0025						<0.0025	
8/2/2024						<0.0025		<0.0025
8/5/2024			<0.0025		<0.0025			
8/6/2024		<0.0025		<0.0025				
2/20/2025			<0.0025		<0.0025			
2/21/2025	<0.0025			<0.0025				
2/24/2025		<0.0025				<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	3	10.1	6.22		2.64	12.3	11.4		
5/11/2016				14.4				8.7	27.2
6/23/2016	2.42	8.45			1.65	11.3			
6/24/2016			5.55	14.2					
6/27/2016							9.16	7.48	27.9
8/16/2016	2.1	9.4	5		1.3	11			
8/17/2016				15			9.6	8	23
10/13/2016	2.7					12			
10/14/2016		10	5.4		1.4		11		
10/17/2016				16				8.6	
10/18/2016									24
12/5/2016						12			
12/6/2016	2.1	10	4.8	15	1.4		11	8.2	23
2/14/2017	1.8	11	4.6	17	1.4	13	12	7.2	24
4/10/2017						12			
4/11/2017	1.8	10	5	17	1.4		11		
4/12/2017								6.7	25
6/26/2017	1.7	10	4.9	18	1.5	13			
6/27/2017							9.5	6.2	23
10/10/2017	2.3	11				14			
10/11/2017			5.5	19	1.6		11	6.5	22
6/5/2018	2.6	11			1.5	13	9.7		
6/6/2018			4.1	18				4.2	19
12/13/2018	1.7	10	4.3	18	1.4	12	9.4		
12/14/2018								6.5	16
3/28/2019			4.8	17	1.4		8.7		
3/29/2019	2	11				12			
4/1/2019									18
4/2/2019								6.7	
9/12/2019					1.6				
9/13/2019						14			
9/16/2019	1.7	12	5.9	18			9.5	8.9	
9/17/2019									16
3/17/2020		11	5.3		1.7		8.8		
3/18/2020	1.8			18		14			
3/25/2020								11	
3/26/2020									21
9/14/2020	1.6	11	5.7	17	1.6	14	9.1	10	20
3/30/2021	2.2	12				15			
3/31/2021			5.5	17	1.6				
4/1/2021								11	22
4/7/2021							9.5		
8/17/2021	1.8	12		18			9.6		
8/18/2021			5.9		1.7	14		11	22
2/9/2022	1.8	11	6	18	1.8		9.3	11	16
2/10/2022						15			
8/17/2022	1.9	11							
8/18/2022			5.9	20	1.7	16	9.1		15
8/19/2022								12	
2/21/2023	2.2		6.4		1.8				
2/22/2023		11		20				10	15
2/23/2023						17	9.6		

Time Series

Constituent: Calcium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/1/2023	2.3	12			2.1			11	
8/7/2023			6.1	21					
8/8/2023						16	8.9		16
2/20/2024	1.7	13		23				11	
2/21/2024			5.7		1.5	16			14
2/27/2024							11		
7/31/2024	2.2	12	6.9	21	2.2	20	9.7		18
8/1/2024								14	
2/19/2025				21		18	11		17
2/20/2025	2.1	12	6.4		1.8			13	

Time Series

Constituent: Calcium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	47.6	53.1	4.14	2.91	23.1				
5/12/2016						16.6	37.7	14.5	0.75
6/27/2016	47								
6/28/2016			3.13	2.19	21	14.4	35.8	14.7	0.768
6/29/2016		52.6							
8/17/2016	45		4.1	1.9					
8/18/2016					20	15	37	15	0.7
8/22/2016		57							
10/17/2016	47		4.2	2	21	15	37		
10/18/2016		53						16	0.75
12/6/2016	45		4.3	1.9	21	14			
12/7/2016		47					38	15	0.73
2/14/2017	49								
2/15/2017			1.5	1.9	23	17	45	17	
2/16/2017		55							0.81
4/12/2017	50		2.2	1.9	23	16	39	14	
4/13/2017		56							0.88
6/27/2017	50	53	3.1	1.9	22	15	38	16	0.76
10/11/2017				2	23	16	44		
10/12/2017	51	55	1.2					17	1.1
6/6/2018	51	54	1.2	1.8	22				
6/7/2018						15	44	16	0.84
10/16/2018				1.8				16	
12/14/2018	46				21	16	37		
12/17/2018		55	4						0.94
4/1/2019	45	50	4.2	1.7	20	17	39	16	
4/2/2019									0.92
9/16/2019		56		1.9	23				
9/17/2019	52		0.79			17	38	17	1
3/25/2020	48	55	2.9	2					
3/26/2020					22				
3/27/2020						18	41	17	1.5
9/14/2020	49	45	0.75	1.8	22	19			
9/15/2020							40	17	1.1
3/31/2021		47	2.3					17	
4/1/2021	52								1.2
4/6/2021							42		
4/7/2021				1.9	23	19			
8/18/2021	49								
8/19/2021		34	0.67	1.9		20	40	17	1.1
8/20/2021					23				
2/10/2022	53	37		1.9	23				1.2
2/11/2022			0.55			19		16	
2/14/2022							41		
8/18/2022	50	44		1.8	22	21			
8/19/2022			0.78				39	17	
8/31/2022									1.2
2/22/2023	41	36	2.2	1.7					
2/23/2023					21	20	37	14	1.3
8/2/2023				1.8		22			
8/7/2023		40	1		22			17	
8/8/2023	43						39		1.5

Time Series

Constituent: Calcium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/21/2024	38	36							
2/23/2024			0.98	2	24	25			
2/26/2024								18	1.7
2/27/2024							45		
8/1/2024	41	40		1.9	25	28	38	19	1.9
8/5/2024			2.7						
2/19/2025	39	29	4.3		25	31	37		1.9
2/20/2025				3.3				16	

Time Series

Constituent: Calcium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	34.8			13.2	28.7	21.9	27.6		
5/13/2016		56.9	35.3						
6/29/2016	33.1		34.6	15.8	27.9	21.8	25.6		
6/30/2016		46.4							
8/18/2016	35								
8/19/2016						22	29		
8/22/2016		48	38	15	30				
10/18/2016			36	14	30	23	32		
10/19/2016	39	51							
12/7/2016	39	50			29	23	30		
12/8/2016			36	11					
2/15/2017	44						32		
2/16/2017		51	41	14	31	27			
4/13/2017	45	35	39	17	32	27	31		
6/27/2017	42								
6/28/2017		36	36	15	29	25	27		
10/12/2017	48	43	39	17	31	27	31		
6/7/2018	49			11	29	26	25		
6/8/2018		90	37						
10/18/2018		100		12					
12/14/2018	46								
12/17/2018			42		29	28	24		
1/2/2019		98							
1/10/2019									4.3
4/2/2019	46	89	38	14	27	26	23		
9/17/2019	51	87	44	14	30				
9/18/2019						27	26		
2/13/2020									3
3/23/2020			46	13	36				
3/24/2020	58					31	22		
3/26/2020		81							
9/15/2020	54	74	47	14	38	28	21		
3/30/2021		68	50	14	41				
3/31/2021						30	24		
4/1/2021	57								
8/18/2021	55	55			39	30	21		
8/19/2021			45	12					
2/8/2022								4.7	4
2/10/2022		55				27	23		
2/11/2022	58		46	13	36				
8/22/2022			42	13	36	28	22		
8/23/2022		52							4.6
8/24/2022								5	
8/31/2022	58								
2/22/2023	56	41	38	14					
2/23/2023					34	34	22	4.2	4.6
8/1/2023									4.3
8/2/2023								4.9	
8/7/2023	62	39	41	16		30			
8/8/2023					39		20		
2/20/2024			42						
2/21/2024						28	20	4.3	

Time Series

Constituent: Calcium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/26/2024	68			18					
2/27/2024		41			41				
2/28/2024									4.6
8/1/2024			48						
8/2/2024				19	44	31	20		
8/5/2024	62	40						4.1	4.3
2/19/2025	79							5.8	5.2
2/20/2025				22	42	25			
2/21/2025		37	43				19		

Time Series

Constituent: Calcium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							21	
10/17/2018		22						
10/18/2018	33		120	120	64	44		
2/19/2020				120				
2/9/2022	35	22		120	68	54	20	
2/10/2022			150					46
8/22/2022					64			
8/23/2022		24	150					
8/24/2022	35			120		54	21	47
2/23/2023	38			140	70			
2/24/2023		26	150			61		48
2/28/2023							21	
8/1/2023	35		150					
8/2/2023		24		130	66	50	20	46
2/23/2024							22	47
2/26/2024	38							
2/27/2024		23	150	150	69	58		
8/1/2024	37						24	
8/2/2024						58		48
8/5/2024			130		70			
8/6/2024		21		150				
2/20/2025			140		77			
2/21/2025	34			170				
2/24/2025		24				54	25	49

Time Series

Constituent: Chloride (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	1.9	1.51	3.45		1.98	1.94	2.77		
5/11/2016				1.93				2.44	9.65
6/23/2016	2.2	1.8			2.1	2.2			
6/24/2016			3.5	1.8					
6/27/2016							2.9	2.5	6.7
8/16/2016	2.1	1.5	3.4		1.8	2			
8/17/2016				1.4			2.4	2.4	6.4
10/13/2016	2					1.9			
10/14/2016		1.4	3.1		1.8		2.1		
10/17/2016				1.2				2.3	
10/18/2016									5.9
12/5/2016						1.9			
12/6/2016	2.2	1.5	3	1.3	1.8		1.7	2.3	5.9
2/14/2017	2	1.5	2.4	1.3	1.8	1.9	1.5	1.9	5.8
4/10/2017						1.8			
4/11/2017	1.8	1.3	2.5	1.2	1.7		1.7		
4/12/2017								1.6	5.6
6/26/2017	1.9	1.4	2.6	1.2	1.7	1.9			
6/27/2017							2.2	1.6	5.7
10/10/2017	1.8	1.3				1.8			
10/11/2017			2.4	1.1	1.6		1.7	1.6	5
6/5/2018	1.7	1.3			1.6	1.9	2		
6/6/2018			2	1.1				1.3	4.6
12/13/2018	1.7	1.3	2	1.2	1.7	2	1.9		
12/14/2018								1.8	4.2
3/28/2019			2	1.2	1.7		2.2		
3/29/2019	1.5	1.2				1.8			
4/1/2019									4.6
4/2/2019								2	
9/12/2019					1.5				
9/13/2019						1.7			
9/16/2019	1.8	1.3	2.2	1.2			1.9	1.9	
9/17/2019									3.8
3/17/2020		1.6	2.1		1.9		2.4		
3/18/2020	2			1.5		2.4			
3/25/2020								2.3	
3/26/2020									5.1
9/14/2020	2.1	1.5	2.5	1.5	1.9	2.5	2.7	2.8	5.8
3/30/2021	2.3	1.6				2.5			
3/31/2021			2.3	1.6	2.1				
4/1/2021								2.4	6
4/7/2021							2.3		
8/17/2021	1.9	1.6		1.6			2.6		
8/18/2021			2.4		2.2	2.7		2.5	5
2/9/2022	2	1.5	2.3	1.5	1.9		1.8	2.6	4
2/10/2022						2.4			
8/17/2022	2	1.5							
8/18/2022			2.4	1.6	2.1	3.1	1.9		3.5
8/19/2022								2.6	
2/21/2023	2		2.3		2				
2/22/2023		1.5		1.6				2.3	3.6
2/23/2023						3.3	1.9		

Time Series

Constituent: Chloride (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/1/2023	2	1.4			1.9			2.2	
8/7/2023			2.2	1.2					
8/8/2023						3	1.6		3.4
2/20/2024	2.3	1.8		1.5				2.6	
2/21/2024			2.6		2.3	3.6			3.9
2/27/2024							2		
7/31/2024	2.5	1.7	2.3	1.3	2	3.4	1.9		3.5
8/1/2024								2.5	
2/19/2025				1.1		4.9	3.4		4.6
2/20/2025	1.8	1.3	2		1.9			2.6	

Time Series

Constituent: Chloride (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	12.6	9.29	9.53	8.87	9.04				
5/12/2016						6.29	11.1	9.47	8.56
6/27/2016	13								
6/28/2016			9.1	8.3	8.8	5.4	10	9.8	7.8
6/29/2016		9							
8/17/2016	14		9.4	8.6					
8/18/2016					9.3	5.8	11	10	8.5
8/22/2016		9.7							
10/17/2016	12		8.9	7.9	8.3	5.4	11		
10/18/2016		9.4						9.4	8
12/6/2016	12		8.9	7.9	8.9	5.6			
12/7/2016		11					11	9.8	8
2/14/2017	12								
2/15/2017			9	7.2	8.7	5.4	11	9.8	
2/16/2017		9.5							7.7
4/12/2017	11		8.5	7.5	8.6	5.6	10	9.2	
4/13/2017		8.7							7.5
6/27/2017	12	9.9	9.1	7.8	9.3	5.9	11	9.5	8
10/11/2017				7.4	8.8	5.7	10		
10/12/2017	11	11	8.5					9.2	7.6
6/6/2018	11	12	8.6	7.5	8.8				
6/7/2018						6.2	10	9.3	7.7
10/16/2018				7.8				10	
12/14/2018	11				9.1	7.5	10		
12/17/2018		13	8.6						8.1
4/1/2019	10	13	7.8	7.4	9	7.7	9.9	9.2	
4/2/2019									8.2
9/16/2019		14		7.9	9.3				
9/17/2019	12		9.7			8.4	11	10	8.4
3/25/2020	10	15	8.8	9					
3/26/2020					9.4				
3/27/2020						9	11	10	8.5
9/14/2020	14	19	10	8.9	10	11			
9/15/2020							11	10	8.6
3/31/2021		16	9.2					11	
4/1/2021	12								9.2
4/6/2021							11		
4/7/2021				8.8	9	10			
8/18/2021	14								
8/19/2021		18	9.3	9.9		12	11	11	9.5
8/20/2021					9.9				
2/10/2022	12	15		8.8	10				9.8
2/11/2022			11			12		12	
2/14/2022							14		
8/18/2022	13	17		9.9	9.5	12			
8/19/2022			9.2				13	11	
8/31/2022									9.6
2/22/2023	18	18	9	9.9					
2/23/2023					9.6	11	12	11	9.8
8/2/2023				10		13			
8/7/2023		15	9.1		9.5			12	
8/8/2023	24						14		9.9

Time Series

Constituent: Chloride (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/21/2024	27	19							
2/23/2024			10	12	10	15			
2/26/2024								15	11
2/27/2024							15		
8/1/2024	23	17		11	11	16	15	14	9.8
8/5/2024			9.2						
2/19/2025	18	14	9.6		12	25	30		17
2/20/2025				12				11	

Time Series

Constituent: Chloride (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	9.11			10.8	7.93	10.6	9.63		
5/13/2016		4.87	8.16						
6/29/2016	8.3		7.6	11	7.7	9.7	8.8		
6/30/2016		4.7							
8/18/2016	8.8								
8/19/2016						11	9.6		
8/22/2016		5	8.2	11	7.9				
10/18/2016			7.7	10	7.1	10	9.6		
10/19/2016	8.3	5.1							
12/7/2016	8.4	5.6			7.7	10	9.7		
12/8/2016			7.8	9.7					
2/15/2017	8.1						10		
2/16/2017		7.4	7.4	9.8	7.4	9.8			
4/13/2017	7.9	8.9	7.5	10	7.4	9.6	9		
6/27/2017	8.3								
6/28/2017		10	7.9	12	8.1	10	9.6		
10/12/2017	8	7.4	7.4	11	8.1	9.7	9.3		
6/7/2018	8			9.9	8.6	10	10		
6/8/2018		9	7.2						
10/18/2018		16		11					
12/14/2018	8.1								
12/17/2018			7.3		9.3	10	9.9		
1/2/2019		18							
1/10/2019									3.3
4/2/2019	8.2	15	7.3	11	9.3	10	8.9		
9/17/2019	8.3	13	7.4	11	10				
9/18/2019						10	9.7		
2/13/2020									4.6
3/23/2020			7.7	10	11				
3/24/2020	7.8					10	9.1		
3/26/2020		12							
9/15/2020	8.4	11	7.7	11	12	11	10		
3/30/2021		11	8.3	9.9	13				
3/31/2021						11	11		
4/1/2021	9.2								
8/18/2021	8.9	15			13	11	11		
8/19/2021			9.4	10					
2/8/2022								8.9	4.1
2/10/2022		19				10	12		
2/11/2022	8.4		10	9.6	11				
8/22/2022			9.6	9.4	10	11	12		
8/23/2022		16							3.9
8/24/2022								9.3	
8/31/2022	8								
2/22/2023	8.1	13	10	8.8					
2/23/2023					8.9	11	12	10	4.8
8/1/2023									3.9
8/2/2023								9.7	
8/7/2023	7.8	10	9.9	9.3		11			
8/8/2023					7.7		12		
2/20/2024			12						
2/21/2024						12	14	11	

Time Series

Constituent: Chloride (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/26/2024	9.2			11					
2/27/2024		9.7 (J)			7.9				
2/28/2024									4.3
8/1/2024			1.2						
8/2/2024				10	7.9 (J)	11	10		
8/5/2024	7.8	7.8						1.3	4
2/19/2025	20							12	5.4
2/20/2025				6.3 (J)	5.5	10			
2/21/2025		<50	12				8		

Time Series

Constituent: Chloride (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							4.3	
10/17/2018		8.3						
10/18/2018	5.5		9.3	6.8	12	6.3		
2/19/2020				6.7				
2/9/2022	6.9	5.8		6.8	11	7.5	2.5	
2/10/2022			10					12
8/22/2022					12			
8/23/2022		6.1	8.7					
8/24/2022	7			7		8.2	2.7	10
2/23/2023	7.4			8.1	13			
2/24/2023		6.9	8.9			7.8		9.2
2/28/2023							2.7	
8/1/2023	6.5		8.9					
8/2/2023		6.2		7.6	12	8.2	2.6	8.2
2/23/2024							3.1	9.7
2/26/2024	7.6							
2/27/2024		7	10	10	13	9.5		
8/1/2024	7.3						2.9	
8/2/2024						9.9 (J)		8.4
8/5/2024			12 (J)		3 (J)			
8/6/2024		6.5		8.7				
2/20/2025			<25		11			
2/21/2025	4.9 (J)			9.5 (J)				
2/24/2025		6.1				7.6	3.2	9.9

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.002	0.0142	0.00634 (J)		<0.002	0.00393 (J)	<0.0025		
5/11/2016				0.00217 (J)				<0.002	<0.002
6/23/2016	<0.002	0.0118			<0.002	0.0027 (J)			
6/24/2016			0.0053 (J)	0.0015 (J)					
6/27/2016							<0.0025	<0.002	<0.002
8/16/2016	<0.002	0.0099	0.0071		<0.002	0.0038			
8/17/2016				0.0011 (J)			<0.0025	<0.002	<0.002
10/13/2016	<0.002					0.0031			
10/14/2016		0.0045	0.0067		0.0012 (J)		<0.0025		
10/17/2016				0.0032				<0.002	
10/18/2016									<0.002
12/5/2016						0.0027			
12/6/2016	<0.002	0.0043	0.0063	0.0028	<0.002		<0.0025	<0.002	<0.002
2/14/2017	<0.002	0.014	0.0076	0.0046	<0.002	0.0037	<0.0025	<0.002	<0.002
4/10/2017						0.0037			
4/11/2017	<0.002	0.014	0.0098	0.005	<0.002		<0.0025		
4/12/2017								<0.002	<0.002
6/26/2017	<0.002	0.014	0.012	0.0061	0.0021 (J)	0.0047			
6/27/2017							<0.0025	<0.002	<0.002
3/26/2018	<0.002	0.013	0.012			0.0042			
3/27/2018				0.0058	<0.002		<0.0025	<0.002	<0.002
6/5/2018	0.0014 (J)	0.014			<0.002	0.0046	<0.0025		
6/6/2018			0.015	0.0048				<0.002	<0.002
10/5/2018	0.0014 (J)	0.016	0.015			0.0058			
10/8/2018				0.0098	0.0011 (J)		<0.0025	<0.002	
10/9/2018									<0.002
2/18/2019	0.0017 (J)	0.012		0.0059					
2/19/2019			0.014		<0.002	0.0038	<0.0025		
2/20/2019								<0.002	<0.002
3/28/2019			0.013	0.0046	<0.002		<0.0025		
3/29/2019	0.0017 (J)	0.014				0.0043			
4/1/2019									<0.002
4/2/2019								<0.002	
9/12/2019					0.0023 (J)				
9/13/2019						0.0056			
9/16/2019	0.0017 (J)	0.014	0.019	0.0064			0.0015 (J)	<0.002	
9/17/2019									<0.002
2/13/2020	<0.002	0.011				0.0036			
2/17/2020					<0.002		<0.0025		
2/18/2020			0.02	0.0062				<0.002	<0.002
3/17/2020		0.014	0.018		<0.002		<0.0025		
3/18/2020	0.0024			0.0047		0.0047			
3/25/2020								<0.002	
3/26/2020									<0.002
5/19/2020	<0.002	0.014	0.021	0.0058	<0.002	0.0051	<0.0025		
9/14/2020	<0.002	0.014	0.018	0.0054	<0.002	0.005	0.0021	<0.002	<0.002
2/9/2021	<0.002	0.014	0.019	0.0053	<0.002	0.0052	0.0023	<0.002	<0.002
3/30/2021	0.0026	0.014				0.0047			
3/31/2021			0.018	0.0037	<0.002				
4/1/2021								<0.002	<0.002
4/7/2021							0.0024		
8/17/2021	<0.002	0.013		0.0053			0.0047		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/18/2021			0.02		<0.002	0.0056		<0.002	0.0026
2/9/2022	0.0017 (J)	0.014	0.019	0.0048	<0.002		0.0023	<0.002	<0.002
2/10/2022						0.0048			
8/17/2022	0.0016 (J)	0.013							
8/18/2022			0.018	0.0064	0.0022	0.004	0.0028		<0.002
8/19/2022								<0.002	
2/21/2023	0.0025		0.023		0.0017 (J)				
2/22/2023		0.015		0.0058				<0.002	<0.002
2/23/2023						0.0058	0.0025		
8/1/2023	0.0029	0.014			0.0016 (J)			<0.002	
8/7/2023			0.024	0.0065					
8/8/2023						0.005	0.004		<0.002
2/20/2024	0.0024	0.015		0.0058				<0.002	
2/21/2024			0.023		0.0032	0.0068			0.002
2/27/2024							0.0027		
7/31/2024	0.0027	0.015	0.027	0.0064	0.0015 (J)	0.0053	0.004		<0.002
8/1/2024								<0.002	
2/19/2025				0.0056		0.006	0.0048		0.0014 (J)
2/20/2025	0.0033	0.015	0.027		0.0016 (J)			<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	<0.002	<0.002	<0.002	<0.002	<0.002				
5/12/2016						<0.002	<0.002	0.0335	0.00943 (J)
6/27/2016	<0.002								
6/28/2016			<0.002	<0.002	<0.002	<0.002	0.0008 (J)	0.0339	0.0093 (J)
6/29/2016		<0.002							
8/17/2016	<0.002		<0.002	<0.002					
8/18/2016					<0.002	<0.002	<0.002	0.034	0.0085
8/22/2016		<0.002							
10/17/2016	<0.002		<0.002	<0.002	0.0023 (J)	<0.002	0.0012 (J)		
10/18/2016		<0.002						0.033	0.0088
12/6/2016	<0.002		<0.002	<0.002	<0.002	<0.002			
12/7/2016		<0.002					0.0012 (J)	0.032	0.0079
2/14/2017	<0.002								
2/15/2017			<0.002	<0.002	<0.002	<0.002	<0.002	0.03	
2/16/2017		<0.002							0.0097
4/12/2017	0.0011 (J)		<0.002	<0.002	<0.002	<0.002	<0.002	0.035	
4/13/2017		<0.002							0.0098
6/27/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.035	0.0096
3/27/2018	0.0012 (J)		<0.002	<0.002	<0.002	<0.002	<0.002	0.031	0.0098
3/28/2018		<0.002							
6/6/2018	0.0013 (J)	<0.002	<0.002	<0.002	<0.002				
6/7/2018						<0.002	<0.002	0.032	0.01
10/8/2018					<0.002	<0.002	<0.002		0.013
10/9/2018	0.0016 (J)	<0.002	<0.002						
10/16/2018				<0.002				0.032	
2/20/2019	0.0021 (J)	<0.002	<0.002	<0.002	<0.002	<0.002	0.0016 (J)	0.038	0.013
4/1/2019	0.0013 (J)	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.032	
4/2/2019									0.01
9/16/2019		<0.002		<0.002	<0.002				
9/17/2019	0.0031		<0.002			0.0017 (J)	0.0026	0.037	0.013
2/18/2020	0.0015 (J)			<0.002					
2/19/2020		<0.002	<0.002		<0.002	<0.002	<0.002	0.038	0.014
3/25/2020	<0.002	<0.002	<0.002	<0.002					
3/26/2020					<0.002				
3/27/2020						<0.002	0.0019 (J)	0.034	0.011
9/14/2020	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
9/15/2020							<0.002	0.034	0.012
2/9/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.035	0.012
3/31/2021		<0.002	<0.002					0.034	
4/1/2021	<0.002								0.012
4/6/2021							<0.002		
4/7/2021				<0.002	<0.002	<0.002			
8/18/2021	<0.002								
8/19/2021		<0.002	<0.002	<0.002		<0.002	<0.002	0.032	0.011
8/20/2021					<0.002				
2/10/2022	<0.002	<0.002		<0.002	<0.002				0.012
2/11/2022			<0.002			<0.002		0.032	
2/14/2022							<0.002		
8/18/2022	0.055	<0.002		<0.002	<0.002	<0.002			
8/19/2022			<0.002				0.0066	0.032	
8/31/2022									0.012
2/22/2023	0.0023	<0.002	<0.002	<0.002					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/23/2023					<0.002	<0.002	<0.002	0.029	0.012
8/2/2023				<0.002		<0.002			
8/7/2023		0.0039	0.0012 (J)		<0.002			0.035	
8/8/2023	0.0028						0.0012 (J)		0.014
2/21/2024	0.0054	0.0017 (J)							
2/23/2024			<0.002	<0.002	<0.002	<0.002			
2/26/2024								0.035	0.013
2/27/2024							0.0014 (J)		
8/1/2024	0.0032	<0.002		<0.002	<0.002	<0.002	<0.002	0.037	0.014
8/5/2024			<0.002						
2/19/2025	0.003	<0.002	<0.002		<0.002	<0.002	0.0013 (J)		0.015
2/20/2025				<0.002				0.033	

Time Series

Constituent: Chromium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	0.0077 (J)			<0.002	<0.002	<0.002	<0.002		
5/13/2016		0.00771 (J)	0.0151						
6/29/2016	0.0036 (J)		0.0141	0.0009 (J)	0.0012 (J)	0.0007 (J)	0.0013 (J)		
6/30/2016		0.007 (J)							
8/18/2016	0.0027								
8/19/2016						<0.002	<0.002		
8/22/2016		0.007	0.015	<0.002	<0.002				
10/18/2016			0.013	<0.002	<0.002	<0.002	<0.002		
10/19/2016	0.0048	0.0064							
12/7/2016	0.0027	0.0063			<0.002	<0.002	<0.002		
12/8/2016			0.013	<0.002					
2/15/2017	0.0044						<0.002		
2/16/2017		0.007	0.015	<0.002	<0.002	<0.002			
4/13/2017	0.0047	0.0061	0.016	<0.002	<0.002	<0.002	0.0014 (J)		
6/27/2017	0.0029								
6/28/2017		0.0059	0.016	<0.002	<0.002	<0.002	0.0025		
3/27/2018	0.0045						0.0012 (J)		
3/28/2018		0.0082	0.014	<0.002	<0.002	<0.002			
6/7/2018	0.0083			<0.002	<0.002	<0.002	<0.002		
6/8/2018		0.0086	0.015						
10/8/2018	0.0055				<0.002	0.0012 (J)	0.0017 (J)		
10/9/2018			0.017						
10/18/2018		0.009		<0.002					
1/2/2019		0.0078							
1/10/2019									0.0029
2/19/2019						<0.002	<0.002		
2/20/2019	0.0061	0.011	0.017	<0.002	0.0015 (J)				
4/2/2019	0.004	0.0092	0.014	<0.002	<0.002	0.0012 (J)	0.0011 (J)		
9/17/2019	0.0078	0.011	0.017	0.0022 (J)	0.0016 (J)				
9/18/2019						0.0024 (J)	0.0024 (J)		
2/13/2020									0.0022
2/18/2020				<0.002	<0.002	0.0015 (J)	<0.002		
2/19/2020	0.0045		0.017						
2/20/2020		0.011							
3/23/2020			0.015	<0.002	<0.002				
3/24/2020	0.0079					<0.002	<0.002		
3/26/2020		0.0096							
9/15/2020	0.0091	0.01	0.015	<0.002	0.002	0.0025	0.0017 (J)		
2/10/2021	0.008	0.01	0.015	<0.002	<0.002	0.0015 (J)	0.0017 (J)		
3/30/2021		0.0098	0.014	<0.002	<0.002				
3/31/2021						<0.002	0.0016 (J)		
4/1/2021	0.0046								
8/18/2021	0.012	0.019			0.0022	<0.002	0.0019 (J)		
8/19/2021			0.014	<0.002					
2/8/2022								0.003	0.0018 (J)
2/10/2022		0.01				<0.002	0.0015 (J)		
2/11/2022	0.0079		0.015	<0.002	<0.002				
8/22/2022			0.013	<0.002	0.0016 (J)	0.0022	0.0017 (J)		
8/23/2022		0.0095							0.0024
8/24/2022								0.0034	
8/31/2022	0.0088								
2/22/2023	0.0084	0.0096	0.013	<0.002					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/23/2023					<0.002	<0.002	0.0016 (J)	0.0034	0.0022
8/1/2023									0.0021
8/2/2023								0.0027	
8/7/2023	0.0093	0.01	0.015	0.0016 (J)		0.0015 (J)			
8/8/2023					<0.002		0.0025		
2/20/2024			0.018						
2/21/2024						0.003	0.0031	0.0047	
2/26/2024	0.0078			0.0014 (J)					
2/27/2024		0.01			<0.002				
2/28/2024									0.0023
8/1/2024			0.016						
8/2/2024				0.0012 (J)	<0.002	<0.002	0.0019 (J)		
8/5/2024	0.0028	0.01						0.0025	0.0013 (J)
2/19/2025	0.0039							0.0036	0.0024
2/20/2025				0.0024	<0.002	0.0013 (J)			
2/21/2025		0.0098	0.015				0.0022		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							0.0046	
10/17/2018		0.0027						
10/18/2018	0.0049		<0.002	<0.0025	<0.002	<0.002		
2/19/2020				0.0058				
2/9/2022	0.0036	0.028		0.0058	<0.002	<0.002	<0.002	
2/10/2022			<0.002					<0.002
8/22/2022					0.003			
8/23/2022		0.014	<0.002					
8/24/2022	0.0037			0.0051		<0.002	<0.002	<0.002
2/23/2023	0.0042			0.0059	<0.002			
2/24/2023		0.03	<0.002			0.002		<0.002
2/28/2023							<0.002	
8/1/2023	0.0027		<0.002					
8/2/2023		0.026		0.0056	<0.002	0.0012 (J)	<0.002	<0.002
2/23/2024							0.0013 (J)	<0.002
2/26/2024	0.0033							
2/27/2024		0.021	<0.002	0.0058	<0.002	0.002		
8/1/2024	0.0029						<0.002	
8/2/2024						<0.002		<0.002
8/5/2024			<0.002		<0.002			
8/6/2024		0.021		0.005				
2/20/2025			<0.002		0.0012 (J)			
2/21/2025	0.0032			0.0059				
2/24/2025		0.023				0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	0.0184	<0.0025	<0.0025		<0.0025	<0.0025	0.0132		
5/11/2016				<0.0025				<0.0025	0.0116
6/23/2016	0.0168	0.0004 (J)			<0.0025	0.0004 (J)			
6/24/2016			<0.0025	<0.0025					
6/27/2016							0.0099 (J)	0.002 (J)	0.0143
8/16/2016	0.016	<0.0025	0.00051 (J)		<0.0025	<0.0025			
8/17/2016				0.00041 (J)			0.01	0.0018 (J)	0.012
10/13/2016	0.02					0.0004 (J)			
10/14/2016		<0.0025	<0.0025		<0.0025		0.013		
10/17/2016				<0.0025				0.0016 (J)	
10/18/2016									0.0099
12/5/2016						<0.0025			
12/6/2016	0.016	<0.0025	<0.0025	<0.0025	<0.0025		0.016	0.0012 (J)	0.011
2/14/2017	0.011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.018	0.0022 (J)	0.0093
4/10/2017						<0.0025			
4/11/2017	0.0098	<0.0025	<0.0025	<0.0025	<0.0025		0.015		
4/12/2017								0.0023 (J)	0.0062
6/26/2017	0.01	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
6/27/2017							0.0088	0.0045	0.021
3/26/2018	0.0065	<0.0025	<0.0025			<0.0025			
3/27/2018				<0.0025	<0.0025		0.014	0.004	0.0054
6/5/2018	0.0028	<0.0025			<0.0025	<0.0025	0.0095		
6/6/2018			<0.0025	<0.0025				0.0021 (J)	0.0034
10/5/2018	0.00075 (J)	<0.0025	<0.0025			0.00058 (J)			
10/8/2018				<0.0025	<0.0025		0.0047	<0.0025	
10/9/2018									0.013
2/18/2019	0.0008 (J)	<0.0025		<0.0025					
2/19/2019			<0.0025		<0.0025	<0.0025	0.005		
2/20/2019								0.00011 (J)	0.0057
3/28/2019			<0.0025	<0.0025	<0.0025		0.0042		
3/29/2019	0.00072 (J)	<0.0025				<0.0025			
4/1/2019									0.0046
4/2/2019								<0.0025	
9/12/2019					<0.0025				
9/13/2019						0.00018 (J)			
9/16/2019	0.0014 (J)	<0.0025	<0.0025	<0.0025			0.0045	0.00013 (J)	
9/17/2019									0.0039
2/13/2020	0.0014 (J)	<0.0025				<0.0025			
2/17/2020					<0.0025		0.0044		
2/18/2020			<0.0025	<0.0025				<0.0025	0.0067
3/17/2020		<0.0025	<0.0025		<0.0025		0.0039		
3/18/2020	0.0021 (J)			0.00032 (J)		0.00016 (J)			
3/25/2020								0.00027 (J)	
3/26/2020									0.0033
9/14/2020	0.0013 (J)	<0.0025	<0.0025	<0.0025	<0.0025	0.00031 (J)	0.002 (J)	<0.0025	0.0063
2/9/2021	0.0013 (J)	<0.0025	<0.0025	<0.0025	<0.0025	0.00023 (J)	0.0011 (J)	<0.0025	0.0069
3/30/2021	0.0013 (J)	0.00021 (J)				<0.0025			
3/31/2021			<0.0025	<0.0025	<0.0025				
4/1/2021								<0.0025	0.0029
4/7/2021							0.0013 (J)		
8/17/2021	0.00072 (J)	<0.0025		<0.0025			0.0011 (J)		
8/18/2021			<0.0025		<0.0025	0.00057 (J)		0.00024 (J)	0.0021 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	0.00089 (J)	<0.0025	<0.0025	<0.0025	<0.0025		0.00045 (J)	<0.0025	0.0024 (J)
2/10/2022						<0.0025			
8/17/2022	0.00055 (J)	<0.0025							
8/18/2022			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		0.0012 (J)
8/19/2022								<0.0025	
2/21/2023	0.00071 (J)		<0.0025		<0.0025				
2/22/2023		<0.0025		<0.0025				0.0003 (J)	0.0014 (J)
2/23/2023						<0.0025	<0.0025		
8/1/2023	0.00072 (J)	<0.0025			<0.0025			<0.0025	
8/7/2023			<0.0025	<0.0025					
8/8/2023						<0.0025	<0.0025		0.00049 (J)
2/20/2024	0.0013 (J)	<0.0025		<0.0025				<0.0025	
2/21/2024			<0.0025		<0.0025	<0.0025			0.00032 (J)
2/27/2024							0.00078 (J)		
7/31/2024	0.00032 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		0.00034 (J)
8/1/2024								<0.0025	
2/19/2025				<0.0025		<0.0025	0.00045 (J)		0.00023 (J)
2/20/2025	0.00024 (J)	<0.0025	<0.0025		<0.0025			<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	0.00265 (J)	0.0156	0.0191	0.0378	0.00648 (J)				
5/12/2016						0.0145	0.00605 (J)	0.267	0.00303 (J)
6/27/2016	0.0012 (J)								
6/28/2016			0.0192	0.0332	0.0051 (J)	0.011	0.0115	0.255	0.0029 (J)
6/29/2016		0.0147							
8/17/2016	0.00049 (J)		0.022	0.03					
8/18/2016					0.0035	0.0099	0.011	0.26	0.0029
8/22/2016		0.017							
10/17/2016	<0.0025		0.05	0.032	0.003	0.01	0.017		
10/18/2016		0.017						0.28	0.0034
12/6/2016	<0.0025		0.04	0.029	0.0036	0.0079			
12/7/2016		0.014					0.0043	0.26	0.003
2/14/2017	<0.0025								
2/15/2017			0.038	0.029	0.004	0.0073	0.0059	0.24	
2/16/2017		0.014							0.0033
4/12/2017	<0.0025		0.018	0.028	0.0039	0.0078	0.017	0.28	
4/13/2017		0.014							0.0034
6/27/2017	<0.0025	0.013	0.014	0.029	0.0042	0.0068	0.013	0.29	0.0037
3/27/2018	<0.0025		0.026	0.024	0.0035	0.0035	0.0083	0.27	0.0037
3/28/2018		0.0087							
6/6/2018	<0.0025	0.0064	0.018	0.026	0.0038				
6/7/2018						0.0039	0.0025	0.3	0.0037
10/8/2018					0.0037	0.0036	0.0071		0.0044
10/9/2018	<0.0025	0.0049	0.03						
10/16/2018				0.023				0.27	
2/20/2019	0.00014 (J)	0.01	0.034	0.024	0.0032	0.004	0.011	0.26	0.0038
4/1/2019	<0.0025	0.01	0.025	0.021	0.0029	0.003	0.014	0.26	
4/2/2019									0.0041
9/16/2019		0.001 (J)		0.022	0.003				
9/17/2019	0.00013 (J)		0.022			0.0024 (J)	0.0096	0.27	0.0042
2/18/2020	<0.0025			0.018					
2/19/2020		0.0082	0.027		0.0027	0.0018 (J)	0.0099	0.28	0.0047
3/25/2020	0.00032 (J)	0.0064	0.029	0.024					
3/26/2020					0.0024 (J)				
3/27/2020						0.002 (J)	0.0093	0.28	0.0047
9/14/2020	<0.0025	0.00048 (J)	0.022	0.019	0.001 (J)	0.0022 (J)			
9/15/2020							0.0076	0.25	0.0043
2/9/2021	<0.0025	0.0032	0.03	0.019	0.0014 (J)	0.0024 (J)	0.0052	0.26	0.0045
3/31/2021		0.0046	0.026					0.26	
4/1/2021	<0.0025								0.0049
4/6/2021							0.0072		
4/7/2021				0.019	0.0017 (J)	0.0018 (J)			
8/18/2021	0.00021 (J)								
8/19/2021		0.00072 (J)	0.022	0.014		0.0021 (J)	0.0047	0.27	0.0051
8/20/2021					0.0019 (J)				
2/10/2022	<0.0025	0.0022 (J)		0.021	0.00079 (J)				0.0049
2/11/2022			0.023			0.0015 (J)		0.23	
2/14/2022							0.0065		
8/18/2022	0.00075 (J)	0.00084 (J)		0.012	0.001 (J)	0.0019 (J)			
8/19/2022			0.022				0.01	0.25	
8/31/2022									0.0054
2/22/2023	<0.0025	0.00062 (J)	0.025	0.023					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/23/2023					0.0014 (J)	0.0016 (J)	0.0047	0.23	0.0056
8/2/2023				0.022		0.0016 (J)			
8/7/2023		0.00053 (J)	0.025		0.0013 (J)			0.26	
8/8/2023	<0.0025						0.0092		0.0069
2/21/2024	<0.0025	0.00066 (J)							
2/23/2024			0.03	0.022	0.0018 (J)	0.0015 (J)			
2/26/2024								0.27	0.0073
2/27/2024							0.0038		
8/1/2024	<0.0025	0.00068 (J)		0.018	0.0023 (J)	0.0022 (J)	0.014	0.3	0.0086
8/5/2024			0.023						
2/19/2025	<0.0025	0.00058 (J)	0.026		0.0018 (J)	0.0018 (J)	0.014		0.0082
2/20/2025				0.02				0.23	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	<0.0025			0.261	<0.0025	0.00619 (J)	<0.0025		
5/13/2016		0.116	<0.0025						
6/29/2016	0.0007 (J)		0.0006 (J)	0.23	<0.0025	0.0051 (J)	<0.0025		
6/30/2016		0.112							
8/18/2016	0.00078 (J)								
8/19/2016						0.0045	<0.0025		
8/22/2016		0.13	0.00066 (J)	0.25	<0.0025				
10/18/2016			0.00095 (J)	0.26	<0.0025	0.0043	<0.0025		
10/19/2016	0.00094 (J)	0.14							
12/7/2016	0.00056 (J)	0.11			<0.0025	0.0034	<0.0025		
12/8/2016			0.00078 (J)	0.26					
2/15/2017	0.00069 (J)						<0.0025		
2/16/2017		0.11	0.00049 (J)	0.23	<0.0025	0.0031			
4/13/2017	0.00049 (J)	0.094	<0.0025	0.19	<0.0025	0.0031	<0.0025		
6/27/2017	0.00041 (J)								
6/28/2017		0.085	<0.0025	0.19	<0.0025	0.0029	<0.0025		
3/27/2018	<0.0025						<0.0025		
3/28/2018		0.16	<0.0025	0.18	<0.0025	0.0022 (J)			
6/7/2018	<0.0025			0.21	<0.0025	0.0022 (J)	<0.0025		
6/8/2018		0.19	<0.0025						
10/8/2018	0.00046 (J)				<0.0025	0.0021 (J)	<0.0025		
10/9/2018			<0.0025						
10/18/2018		0.21		0.16					
1/2/2019		0.11							
1/10/2019									<0.0025
2/19/2019						0.0018 (J)	<0.0025		
2/20/2019	0.00035 (J)	0.19	0.00012 (J)	0.18	0.00011 (J)				
4/2/2019	<0.0025	0.18	<0.0025	0.13	<0.0025	0.0018 (J)	<0.0025		
9/17/2019	0.00048 (J)	0.16	0.00013 (J)	0.13	8.7E-05 (J)				
9/18/2019						0.002 (J)	0.00013 (J)		
2/13/2020									0.00016 (J)
2/18/2020				0.12	0.00014 (J)	0.0018 (J)	<0.0025		
2/19/2020	0.00034 (J)		0.00015 (J)						
2/20/2020		0.14							
3/23/2020			<0.0025	0.22	0.00016 (J)				
3/24/2020	0.00044 (J)					0.0016 (J)	<0.0025		
3/26/2020		0.15							
9/15/2020	0.00041 (J)	0.12	0.00016 (J)	0.098	0.00022 (J)	0.0014 (J)	<0.0025		
9/18/2020								0.0057	
2/10/2021	0.00049 (J)	0.11	0.00013 (J)	0.17	0.00017 (J)	0.0015 (J)	<0.0025		
3/30/2021		0.11	<0.0025	0.15	0.00016 (J)				
3/31/2021						0.0011 (J)	<0.0025		
4/1/2021	0.00041 (J)								
4/2/2021								0.007	0.00019 (J)
8/18/2021	0.00043 (J)	0.095			0.00016 (J)	0.001 (J)	<0.0025		0.0003 (J)
8/19/2021			<0.0025	0.2					
8/20/2021								0.006	
2/8/2022								0.0052	0.00028 (J)
2/10/2022		0.09				0.0016 (J)	<0.0025		
2/11/2022	0.00036 (J)		0.00045 (J)	0.14	<0.0025				
8/22/2022			<0.0025	0.11	<0.0025	0.001 (J)	<0.0025		
8/23/2022		0.088							0.00046 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
8/24/2022								0.0059	
8/31/2022	0.00045 (J)								
2/22/2023	0.00043 (J)	0.072	<0.0025	0.082					
2/23/2023					<0.0025	0.00069 (J)	<0.0025	0.0057	<0.0025
8/1/2023									0.00039 (J)
8/2/2023								0.0057	
8/7/2023	0.00052 (J)	0.064	<0.0025	0.093		0.00087 (J)			
8/8/2023					<0.0025		<0.0025		
2/20/2024			<0.0025						
2/21/2024						0.00072 (J)	<0.0025	0.0053	
2/26/2024	0.0006 (J)			0.14					
2/27/2024		0.069			<0.0025				
2/28/2024									0.00033 (J)
8/1/2024			<0.0025						
8/2/2024				0.12	<0.0025	0.00077 (J)	<0.0025		
8/5/2024	0.00045 (J)	0.069						0.0051	0.00024 (J)
2/19/2025	0.00048 (J)							0.0036	0.00023 (J)
2/20/2025				0.15	<0.0025	0.00073 (J)			
2/21/2025		0.058	<0.0025				<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							0.0021 (J)	
10/17/2018		0.00051 (J)						
10/18/2018	<0.0025		0.0076	0.0092	0.0064	0.0086		
2/19/2020				0.0016 (J)				
4/2/2021		0.0003 (J)						
4/5/2021				0.0012 (J)				
4/7/2021						0.00097 (J)		
8/18/2021						0.00025 (J)		
8/19/2021		0.00028 (J)		0.0013 (J)				
2/9/2022	<0.0025	<0.0025		0.00093 (J)	0.00061 (J)	<0.0025	0.0024 (J)	
2/10/2022			0.0025					0.002 (J)
8/22/2022					0.0012 (J)			
8/23/2022		<0.0025	0.0029					
8/24/2022	<0.0025			0.001 (J)		<0.0025	0.0016 (J)	0.0013 (J)
2/23/2023	<0.0025			0.0004 (J)	<0.0025			
2/24/2023		<0.0025	0.0014 (J)			<0.0025		0.0021 (J)
2/28/2023							0.0019 (J)	
8/1/2023	<0.0025		0.0014 (J)					
8/2/2023		0.00033 (J)		0.00036 (J)	0.00041 (J)	<0.0025	0.0022 (J)	0.0032
2/23/2024							0.0017 (J)	0.003
2/26/2024	<0.0025							
2/27/2024		0.00023 (J)	0.0011 (J)	0.00032 (J)	0.00032 (J)	<0.0025		
8/1/2024	<0.0025						0.0027	
8/2/2024						<0.0025		0.0029
8/5/2024			0.00094 (J)		0.00025 (J)			
8/6/2024		<0.0025		<0.0025				
2/20/2025			0.00094 (J)		0.00035 (J)			
2/21/2025	<0.0025			0.00022 (J)				
2/24/2025		<0.0025				<0.0025	0.0014 (J)	0.0022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	0.275 (U)	0.441	0.188 (U)		0.338 (U)	0.31 (U)	-0.013 (U)		
5/11/2016				0.284 (U)				0.0394 (U)	0.214 (U)
6/23/2016	0	0.155			0.358	0.455			
6/24/2016			1.2	0.974					
6/27/2016							0.667	0.624	0.581
8/16/2016	0.13 (U)	0.621	0.168 (U)		0.224 (U)	0.162 (U)			
8/17/2016				0.202 (U)			0.148 (U)	0.572	0.665
10/13/2016	0.309 (U)					0.327 (U)			
10/14/2016		0.765	0.345 (U)		0.999		0.448 (U)		
10/17/2016				0.114 (U)				0.307 (U)	
10/18/2016									0.453
12/5/2016						0.233 (U)			
12/6/2016	0.346 (U)	0.29 (U)	0.221 (U)	0.251 (U)	0.387 (U)		0.51	0.122 (U)	0.368 (U)
2/14/2017	0.352 (U)	0.111 (U)	-0.026 (U)	-0.0166 (U)	0.207 (U)	0.237 (U)	0.302 (U)	0.166 (U)	0.328 (U)
4/10/2017						0.00056 (U)			
4/11/2017	0.274 (U)	0.195 (U)	0.135 (U)	-0.168 (U)	0.219 (U)		-0.0184 (U)		
4/12/2017								0.355 (U)	0.206 (U)
6/26/2017	0.36	0.0975 (U)	0.332 (U)	0.184 (U)	0.151 (U)	-0.257 (U)			
6/27/2017							-0.0536 (U)	0.0783 (U)	0.598
3/26/2018	0.522	0.124 (U)	0.226 (U)			0.141 (U)			
3/27/2018				0.164 (U)	0.252 (U)		0.207 (U)	0.0443 (U)	0.546
6/5/2018	0.106 (U)	0.0496 (U)			0.255 (U)	0.163 (U)	-0.0364 (U)		
6/6/2018			0.175 (U)	0.308				0.127 (U)	0.165 (U)
10/5/2018	0.522	0.474	0.5			0.568			
10/8/2018				-0.0974 (U)	0.764		0.478	0.77	
10/9/2018									0.385
2/18/2019	0.362	0.25 (U)		0.0112 (U)					
2/19/2019			0.231 (U)		0.044 (U)	0.14 (U)	0.32 (U)		
2/20/2019								0.25 (U)	0.433
3/28/2019			0.31 (U)	0.0974 (U)	0.115 (U)		0.0254 (U)		
3/29/2019	0.311 (U)	-0.0232 (U)				0.0992 (U)			
4/1/2019									0.675
4/2/2019								0.3 (U)	
9/12/2019					0.102 (U)				
9/13/2019						0.339 (U)			
9/16/2019	0.157 (U)	-0.245 (U)	0.333 (U)	0.0843 (U)				0.0805 (U)	
9/17/2019									0.341 (U)
12/3/2019							-0.0712 (U)		
2/13/2020	0.152 (U)	0.205 (U)				0.287 (U)			
2/17/2020					-0.0291 (U)		-0.0319 (U)		
2/18/2020			0.313 (U)	0.199 (U)				-0.0675 (U)	0.326 (U)
3/17/2020		0.582 (U)	-0.0428 (U)		-0.196 (U)		0.436 (U)		
3/18/2020	0.21 (U)			0.226 (U)		0.536			
3/25/2020								0.411 (U)	
3/26/2020									0.151 (U)
9/14/2020	-0.13 (U)	0.107 (U)	0.161 (U)	0.0399 (U)	-0.949 (U)	0.637 (U)	-0.197 (U)	0.334 (U)	0.123 (U)
2/9/2021	0.225 (U)	0.0251 (U)	0.259 (U)	0.0123 (U)	0.0364 (U)	0.151 (U)	0.478	0.273 (U)	0.721
3/30/2021	0.408 (U)	0.311 (U)				-0.211 (U)			
3/31/2021			0.106 (U)	0.236 (U)	0.279 (U)				
4/1/2021								0.544	0.329 (U)
4/7/2021							0.0851 (U)		
8/17/2021	0.651	0.192 (U)		1.54			0.228 (U)		

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/18/2021			0.228 (U)		0.242 (U)	0.16 (U)		-0.0332 (U)	0.726
2/9/2022	0.147 (U)	0.307 (U)	0.198 (U)	0.0285 (U)	0.416		0.15 (U)	0.145 (U)	0.659
2/10/2022						0.0512 (U)			
8/17/2022	0.751	-0.129 (U)							
8/18/2022			0.849	0.647	0.592	0.263 (U)	0.371 (U)		0.309 (U)
8/19/2022								0.243 (U)	
2/21/2023	0.00883 (U)		0.324 (U)		0.575 (U)				
2/22/2023		-0.0355 (U)		0.0211 (U)				0.0662 (U)	-0.191 (U)
2/23/2023						0.355 (U)	-0.132 (U)		
8/1/2023	-0.296 (U)	0.00501 (U)			-0.205 (U)			0.11 (U)	
8/7/2023			1.66	0.724					
8/8/2023						-0.107 (U)	0.114 (U)		0.12 (U)
2/20/2024	0.509	0.612		0.444 (U)				0.538	
2/21/2024			0.481 (U)		-0.217 (U)	-0.0298 (U)			0.22 (U)
2/27/2024							0.383 (U)		
7/31/2024	0.343 (U)	0.614 (U)	-0.0503 (U)	0.559 (U)	0.0251 (U)	0.343 (U)	0.11 (U)		0.501
8/1/2024								0.506 (U)	
2/19/2025				0.501 (U)		-0.0866 (U)	0.566		0.477 (U)
2/20/2025	0.271 (U)	0.715	0.237 (U)		0.654			0.271 (U)	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	2.05	0.134 (U)	0.26 (U)	0.182 (U)	0.433				
5/12/2016						0.0531 (U)	0.106 (U)	0.344 (U)	0.0196 (U)
6/27/2016	2.9								
6/28/2016			1.57	0.858	0.435	0.483	0.735	0.256	0.418
6/29/2016		0.665							
8/17/2016	2.57		0.548 (U)	0.367 (U)					
8/18/2016					0.214 (U)	0.286 (U)	0.212 (U)	0.503 (U)	0.199 (U)
8/22/2016		0.391 (U)							
10/17/2016	2.08		-0.0725 (U)	0.551	0.316 (U)	0.472	-0.187 (U)		
10/18/2016		0.521						0.171 (U)	0.0404 (U)
12/6/2016	2.25		0.496	0.438	0.0575 (U)	0.903			
12/7/2016		0.367 (U)					0.701	0.375 (U)	0.426
2/14/2017	1.77								
2/15/2017			0.321 (U)	-0.0831 (U)	-0.0321 (U)	-0.223 (U)	0.155 (U)	0.0801 (U)	
2/16/2017		0.076 (U)							0.163 (U)
4/12/2017	2.72		-0.0397 (U)	0.343 (U)	0.00949 (U)	0.21 (U)	0.233 (U)	0.197 (U)	
4/13/2017		0.239 (U)							0.0522 (U)
6/27/2017	2.07	0.268 (U)	0.47	0.369	0.183 (U)	0.0574 (U)	0.302	0.0274 (U)	0.222 (U)
3/27/2018	2.3		0.136 (U)	0.172 (U)	0.445	0.145 (U)	0.306 (U)	0.285 (U)	0.387 (U)
3/28/2018		0.378							
6/6/2018	1.59	-0.0272 (U)	0.123 (U)	0.153 (U)	0.0775 (U)				
6/7/2018						0.235 (U)	0.211 (U)	0.64	0.283 (U)
10/8/2018					0.865	0.64	0.636		0.799
10/9/2018	3.01	0.565	0.387						
10/16/2018				1.06				0.731	
2/20/2019	2.5	0.425	0.0159 (U)	0.708	0.161 (U)	0.222 (U)	0.147 (U)	0.573	0.0684 (U)
4/1/2019	1.91	-0.0113 (U)	0.452	0.173 (U)	0.372	0.36	-0.138 (U)	0.0499 (U)	
4/2/2019									0.167 (U)
9/16/2019		-0.116 (U)		0.251 (U)	0.569 (U)				
9/17/2019	2.04		0.226 (U)			0.143 (U)	0.264 (U)	0.441 (U)	0.558
2/18/2020	2.06			0.203 (U)					
2/19/2020		0.0604 (U)	0.0222 (U)		0.166 (U)	0.218 (U)	0.0061 (U)	0.415 (U)	0.0321 (U)
3/25/2020	2.99	0.206 (U)	0.253 (U)	0.204 (U)					
3/26/2020					0.604				
3/27/2020						0.235 (U)	0.206 (U)	0.39 (U)	0.305 (U)
9/14/2020	2.16	0.502 (U)	0.125 (U)	-0.0264 (U)	0.575	0.613			
9/15/2020							0.131 (U)	0.546	-0.0426 (U)
2/9/2021	2.92	0.0162 (U)	-0.0573 (U)	0.114 (U)	0.146 (U)	0.307 (U)	-0.121 (U)	0.222 (U)	-0.00967 (U)
3/31/2021		0.153 (U)	0.188 (U)					0.311 (U)	
4/1/2021	2.26								0.0901 (U)
4/6/2021							-0.0391 (U)		
4/7/2021				0.0576 (U)	0.0695 (U)	0.356 (U)			
8/18/2021	1.68								
8/19/2021		0.145 (U)	0.102 (U)	0.755		0.228 (U)	-0.0806 (U)	0.518	0.037 (U)
8/20/2021					0.0109 (U)				
2/10/2022	2.08	0.179 (U)		0.11 (U)	0.279 (U)				0.595
2/11/2022			0.436			0.631		0.5	
2/14/2022							0.377 (U)		
8/18/2022	2.58	0.275 (U)		0.393 (U)	0.384 (U)	0.377 (U)			
8/19/2022			0.606				0.378 (U)	0.459	
8/31/2022									0.31 (U)
2/22/2023	0.866	0.473 (U)	0.285 (U)	-0.172 (U)					

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/23/2023					0.784	0.506 (U)	0.0406 (U)	0.0665 (U)	0.183 (U)
8/2/2023				1.23		0.631			
8/7/2023		0.619	0.0602 (U)		0.366 (U)			0.819	
8/8/2023	1.75						0.177 (U)		0.0269 (U)
2/21/2024	1.29	-0.0257 (U)							
2/23/2024			0.587	0.189 (U)	0.612	0.242 (U)			
2/26/2024								0.353 (U)	0.633
2/27/2024							0.788		
8/1/2024	1.4	0.379 (U)		0.43 (U)	0.476 (U)	0.133 (U)	0.159 (U)	0.643	0.219 (U)
8/5/2024			0.411 (U)						
2/19/2025	1.11	0.132 (U)	0.792		-0.324 (U)	0.0616 (U)	0.0778 (U)		0.0992 (U)
2/20/2025				0.388 (U)				0.586 (U)	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	0.134 (U)			0.556	0.216 (U)	0.285 (U)	0.801		
5/13/2016		0.103 (U)	-0.115 (U)						
6/29/2016	0.391		0.396	0.162	0.253	1.1	0.423		
6/30/2016		0.593							
8/18/2016	0.498 (U)								
8/19/2016						0.367 (U)	0.869		
8/22/2016		0.17 (U)	-0.102 (U)	0.433 (U)	0.115 (U)				
10/18/2016			0.352 (U)	0.741	0.593	0.276 (U)	0.881		
10/19/2016	0.4795 (D)	0.433							
12/7/2016	0.239 (U)	0.435 (U)			0.897	0.318 (U)	0.455		
12/8/2016			0.431 (U)	1.06					
2/15/2017	0.175 (U)						0.635		
2/16/2017		0.101 (U)	0.146 (U)	0.382 (U)	0.132 (U)	0.168 (U)			
4/13/2017	-0.00846 (U)	-0.0014 (U)	0.127 (U)	0.189 (U)	0.287 (U)	0.3 (U)	0.413		
6/27/2017	0.186 (U)								
6/28/2017		0.512	0.11 (U)	0.84	0.143 (U)	0.0844 (U)	0.331 (U)		
3/27/2018	0.249 (U)						0.61		
3/28/2018		0.428	0.247 (U)	0.334 (U)	0.38	0.0661 (U)			
6/7/2018	0.172 (U)			0.235 (U)	0.514	0.222 (U)	0.64		
6/8/2018		0.32 (U)	0.0462 (U)						
10/8/2018	0.682				0.374	0.499	0.437		
10/9/2018			0.584						
10/18/2018		0.304 (U)		0.399					
1/2/2019		0.217 (U)							
1/10/2019									0.328 (U)
2/19/2019						0.532	0.301 (U)		
2/20/2019	0.278 (U)	0.139 (U)	0.114 (U)	0.353	0.239 (U)				
4/2/2019	-0.0476 (U)	0.336 (U)	0.11 (U)	0.271 (U)	0.218 (U)	0.313 (U)	0.516		
9/17/2019	0.235 (U)	0.449	0.302 (U)	0.591	-0.04 (U)				
9/18/2019						0.101 (U)	0.285 (U)		
2/18/2020				0.474	0.287 (U)	0.0109 (U)	0.399		0.163 (U)
2/19/2020	0.217 (U)		0.308 (U)						
2/20/2020		0.22 (U)							
3/23/2020			0.171 (U)	0.258 (U)	0.384				
3/24/2020	0.426					0.188 (U)	0.183 (U)		
3/26/2020		0.366 (U)							
9/15/2020	0.661	1.74	1.55	0.831	1.6	1.82	1.03		
2/10/2021	0.55	0.423 (U)	0.235 (U)	0.331 (U)	0.5	0.167 (U)	0.46		
3/30/2021		0.439 (U)	0.511	0.572	0.955				
3/31/2021						0.0687 (U)	0.37 (U)		
4/1/2021	0.0517 (U)								
8/18/2021	0.13 (U)	0.277 (U)			0.505	0.026 (U)	0.603		
8/19/2021			-0.0514 (U)	-0.21 (U)					
2/8/2022								-0.0564 (U)	0.0627 (U)
2/10/2022		0.244 (U)				0.346 (U)	0.204 (U)		
2/11/2022	0.233 (U)		0.456 (U)	0.259 (U)	0.689				
8/22/2022			0.356 (U)	0.475 (U)	0.565	0.632	0.0738 (U)		
8/23/2022		0.345 (U)							0.432 (U)
8/24/2022								0.234 (U)	
8/31/2022	0.434 (U)								
2/22/2023	0.0917 (U)	0.0285 (U)	0.297 (U)	0.154 (U)					
2/23/2023					0.526 (U)	0.322 (U)	0.314 (U)	-0.0151 (U)	0.413 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
8/1/2023									0.451 (U)
8/2/2023								0.262 (U)	
8/7/2023	0.262 (U)	-0.16 (U)	0.132 (U)	0.0467 (U)		0.268 (U)			
8/8/2023					0.496 (U)		0.0999 (U)		
2/20/2024			0.544						
2/21/2024						0.289 (U)	0.412 (U)	0.00672 (U)	
2/26/2024	0.559 (U)			0.357 (U)					
2/27/2024		0.591			2.32				
2/28/2024									0.103 (U)
8/1/2024			0.419 (U)						
8/2/2024				-0.0292 (U)	0.516 (U)	0.843 (U)	0.358 (U)		
8/5/2024	0.199 (U)	-0.0506 (U)						-0.0162 (U)	0.127 (U)
2/19/2025	0.173 (U)							0.124 (U)	0.371 (U)
2/20/2025				0.218 (U)	0.603 (U)	0.0727 (U)			
2/21/2025		-0.00614 (U)	-0.32 (U)				0.869		

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							0.551 (U)	
10/17/2018		0.0623 (U)						
10/18/2018	0.882		1.59	0.698	0.188 (U)	1.64		
2/19/2020				0.216 (U)				
2/9/2022	0.31 (U)	0.332 (U)		0.229 (U)	0.274 (U)	0.412 (U)	0.237 (U)	
2/10/2022			0.366 (U)					0.418 (U)
8/22/2022					0.401 (U)			
8/23/2022		0.565	0.986					
8/24/2022	0.125 (U)			0.456		0.241 (U)	0.0981 (U)	0.458
2/23/2023	0.255 (U)			0.168 (U)	0.651			
2/24/2023		0.131 (U)	0.714			0.602		-0.097 (U)
2/28/2023							-0.0607 (U)	
8/1/2023	0.207 (U)		0.488 (U)					
8/2/2023		0.537 (U)		-0.192 (U)	0.426 (U)	0.256 (U)	-0.0242 (U)	0.374 (U)
2/23/2024							1.33	0.912
2/26/2024	5.77							
2/27/2024		0.503 (U)	1.88	0.0662 (U)	0.116 (U)	0.518 (U)		
5/6/2024	-0.0141 (U)							
8/1/2024	0.768						0.567	
8/2/2024						0.122 (U)		0.669
8/5/2024			0.228 (U)		0.324 (U)			
8/6/2024		-0.113 (U)		-0.145 (U)				
2/20/2025			0.363 (U)		1.35			
2/21/2025	-0.293 (U)			0.457 (U)				
2/24/2025		0.112 (U)				0.0441 (U)	0.0662 (U)	0.347 (U)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.2	0.0537 (J)	0.0192 (J)		0.0188 (J)	0.0648 (J)	0.041 (J)		
5/11/2016				0.108 (J)				0.133 (J)	0.245 (J)
6/23/2016	<0.2	0.03 (J)			<0.2	0.05 (J)			
6/24/2016			0.02 (J)	0.08 (J)					
6/27/2016							0.03 (J)	0.21 (J)	0.23 (J)
8/16/2016	<0.2	<0.2	<0.2		<0.2	<0.2			
8/17/2016				<0.2			<0.2	0.14 (J)	0.22
10/13/2016	<0.2					<0.2			
10/14/2016		<0.2	<0.2		<0.2		<0.2		
10/17/2016				<0.2				0.11 (J)	
10/18/2016									0.24
12/5/2016						<0.2			
12/6/2016	<0.2	<0.2	<0.2	0.091 (J)	<0.2		<0.2	0.14 (J)	0.26
2/14/2017	<0.2	<0.2	<0.2	0.1 (J)	<0.2	<0.2	<0.2	0.2	0.17 (J)
4/10/2017						<0.2			
4/11/2017	<0.2	<0.2	<0.2	<0.2	<0.2		<0.2		
4/12/2017								0.089 (J)	0.2
6/26/2017	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2			
6/27/2017							<0.2	0.085 (J)	0.23
10/10/2017	<0.2	<0.2				<0.2			
10/11/2017			<0.2	<0.2	<0.2		<0.2	0.089 (J)	0.21
3/26/2018	<0.2	<0.2	<0.2			<0.2			
3/27/2018				<0.2	<0.2		<0.2	<0.2	0.19 (J)
6/5/2018	<0.2	<0.2			<0.2	<0.2	<0.2		
6/6/2018			<0.2	<0.2				<0.2	0.2
10/5/2018	<0.2	<0.2	<0.2			<0.2			
10/8/2018				<0.2	<0.2		<0.2	<0.2	
10/9/2018									0.2
2/18/2019	<0.2	0.05 (J)		0.066 (J)					
2/19/2019			<0.2		<0.2	0.06 (J)	0.044 (J)		
2/20/2019								0.092 (J)	0.2
3/28/2019			0.026 (J)	0.052 (J)	<0.2		0.037 (J)		
3/29/2019	<0.2	0.053 (J)				0.056 (J)			
4/1/2019									0.12 (J)
4/2/2019								0.1 (J)	
9/12/2019					<0.2				
9/13/2019						0.049 (J)			
9/16/2019	<0.2	0.054 (J)	0.026 (J)	0.055 (J)			0.04 (J)	0.099 (J)	
9/17/2019									0.2
2/13/2020	<0.2	0.051 (J)				0.066 (J)			
2/17/2020					<0.2		0.041 (J)		
2/18/2020			<0.2	0.068 (J)				0.11	0.2
3/17/2020		0.038 (J)	0.029 (J)		0.03 (J)		0.041 (J)		
3/18/2020	<0.2			<0.2		0.078 (J)			
3/25/2020								0.13	
3/26/2020									0.14
9/14/2020	<0.2	0.033 (J)	<0.2	0.035 (J)	<0.2	0.038 (J)	0.028 (J)	0.076 (J)	0.11
2/9/2021	<0.2	0.055 (J)	<0.2	0.059 (J)	<0.2	0.059 (J)	0.037 (J)	0.12	0.22
3/30/2021	<0.2	0.048 (J)				0.052 (J)			
3/31/2021			<0.2	0.051 (J)	<0.2				
4/1/2021								0.14	0.25
4/7/2021							0.054 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/17/2021	0.052 (J)	0.096 (J)		0.093 (J)			0.079 (J)		
8/18/2021			0.066 (J)		0.07 (J)	0.16		0.19	0.31
2/9/2022	0.034 (J)	0.11	0.049 (J)	0.083 (J)	0.044 (J)		0.069 (J)	0.19	0.27
2/10/2022						0.061 (J)			
8/17/2022	0.088 (J)	0.076 (J)							
8/18/2022			0.034 (J)	0.056 (J)	0.036 (J)	0.051 (J)	0.044 (J)		0.14
8/19/2022								0.12	
2/21/2023	0.048 (J)		0.041 (J)		0.039 (J)				
2/22/2023		0.07 (J)		0.6 (O)				0.11	0.16
2/23/2023						0.074 (J)	0.075 (J)		
8/1/2023	<0.2	0.077 (J)			<0.2			0.13	
8/7/2023			<0.2	0.07 (J)					
8/8/2023						0.077 (J)	0.048 (J)		0.21
2/20/2024	<0.2	<0.2		<0.2				<0.2	
2/21/2024			<0.2		<0.2	<0.2			<0.2
2/27/2024							<0.2		
7/31/2024	<0.2	0.05 (J)	<0.2	0.04 (J)	<0.2	0.06 (J)	<0.2		0.17
8/1/2024								0.11	
2/19/2025				<0.2		<0.2	<0.2		0.23
2/20/2025	<0.2	<0.2	<0.2		<0.2			<0.2	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	0.362	0.076 (J)	0.019 (J)	0.033 (J)	0.11 (J)				
5/12/2016						0.042 (J)	0.031 (J)	0.1071 (J)	0.011 (J)
6/27/2016	0.45								
6/28/2016			<0.2	0.08 (J)	0.18 (J)	0.15 (J)	0.03 (J)	0.26 (J)	0.09 (J)
6/29/2016		0.13 (J)							
8/17/2016	0.54		<0.2	<0.2					
8/18/2016					0.12 (J)	<0.2	<0.2	0.14 (J)	<0.2
8/22/2016		<0.2							
10/17/2016	0.51		<0.2	<0.2	0.082 (J)	<0.2	<0.2		
10/18/2016		<0.2						0.12 (J)	<0.2
12/6/2016	0.58		<0.2	<0.2	0.11 (J)	<0.2			
12/7/2016		<0.2					<0.2	0.13 (J)	<0.2
2/14/2017	0.39								
2/15/2017			<0.2	<0.2	0.13 (J)	<0.2	<0.2	0.12 (J)	
2/16/2017		0.097 (J)							<0.2
4/12/2017	0.41		<0.2	<0.2	0.088 (J)	<0.2	<0.2	0.11 (J)	
4/13/2017		<0.2							<0.2
6/27/2017	0.47	<0.2	<0.2	<0.2	0.1 (J)	<0.2	<0.2	0.13 (J)	<0.2
10/11/2017				<0.2	<0.2	<0.2	<0.2		
10/12/2017	0.47	<0.2	<0.2					0.13 (J)	<0.2
3/27/2018	0.4		<0.2	<0.2	<0.2	<0.2	<0.2	0.12 (J)	<0.2
3/28/2018		<0.2							
6/6/2018	0.4	<0.2	<0.2	<0.2	<0.2				
6/7/2018						<0.2	<0.2	0.14 (J)	<0.2
10/8/2018					<0.2	<0.2	<0.2		<0.2
10/9/2018	0.47	<0.2	<0.2						
10/16/2018				<0.2				0.14 (J)	
2/20/2019	0.32	0.074 (J)	<0.2	<0.2	0.052 (J)	<0.2	<0.2	0.33	<0.2
4/1/2019	0.21	0.041 (J)	<0.2	<0.2	0.048 (J)	<0.2	<0.2	0.072 (J)	
4/2/2019									<0.2
9/16/2019		0.057 (J)		<0.2	0.065 (J)				
9/17/2019	0.47		<0.2			0.04 (J)	0.028 (J)	0.1	<0.2
2/18/2020	0.38			<0.2					
2/19/2020		0.061 (J)	<0.2		0.064 (J)	0.027 (J)	0.026 (J)	0.13	<0.2
3/25/2020	0.31	0.079 (J)	0.031 (J)	0.058 (J)					
3/26/2020					0.081 (J)				
3/27/2020						0.045 (J)	0.041 (J)	0.13	0.027 (J)
9/14/2020	0.29	0.037 (J)	<0.2	<0.2	0.042 (J)	<0.2			
9/15/2020							0.04 (J)	0.15	0.037 (J)
2/9/2021	0.37	0.05 (J)	<0.2	<0.2	0.074 (J)	<0.2	<0.2	0.14	<0.2
3/31/2021		0.073 (J)	0.047 (J)					0.12	
4/1/2021	0.38								<0.2
4/6/2021							<0.2		
4/7/2021				<0.2	0.066 (J)	0.053 (J)			
8/18/2021	0.48								
8/19/2021		0.078 (J)	<0.2	<0.2		<0.2	<0.2	0.12	0.038 (J)
8/20/2021					0.082 (J)				
2/10/2022	0.44	0.098 (J)		<0.2	0.06 (J)				<0.2
2/11/2022			0.03 (J)			0.045 (J)		0.14	
2/14/2022							0.035 (J)		
8/18/2022	0.54	0.51		0.034 (J)	0.052 (J)	0.038 (J)			
8/19/2022			<0.2				<0.2	0.11	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
8/31/2022									0.058 (J)
2/22/2023	0.52	0.076 (J)	0.045 (J)	0.063 (J)					
2/23/2023					0.089 (J)	0.077 (J)	0.068 (J)	0.11	0.045 (J)
8/2/2023				<0.2		<0.2			
8/7/2023		0.11	<0.2		0.078 (J)			0.13	
8/8/2023	0.78						<0.2		<0.2
2/21/2024	1.1 (J)	<0.2							
2/23/2024			<0.2	<0.2	<0.2	<0.2			
2/26/2024								<0.2	<0.2
2/27/2024							<0.2		
8/1/2024	0.64	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
8/5/2024			<0.2						
2/19/2025	0.17 (J)	<0.2	<0.2		<0.2	<0.2	<0.2		<0.2
2/20/2025				<0.2				<0.2	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	0.066 (J)			0.259 (J)	0.079 (J)	0.029 (J)	0.0341 (J)		
5/13/2016		0.0343 (J)	0.0126 (J)						
6/29/2016	0.17 (J)		0.18 (J)	0.45	0.15 (J)	0.04 (J)	0.04 (J)		
6/30/2016		0.18 (J)							
8/18/2016	<0.2								
8/19/2016						<0.2	<0.2		
8/22/2016		<0.2	<0.2	0.33	0.083 (J)				
10/18/2016			<0.2	0.26	<0.2	<0.2	<0.2		
10/19/2016	<0.2	<0.2							
12/7/2016	<0.2	<0.2			<0.2	<0.2	<0.2		
12/8/2016			<0.2	0.28					
2/15/2017	0.089 (J)						0.092 (J)		
2/16/2017		<0.2	<0.2	0.28	0.12 (J)	0.1 (J)			
4/13/2017	<0.2	<0.2	<0.2	0.2	<0.2	<0.2	<0.2		
6/27/2017	<0.2								
6/28/2017		<0.2	<0.2	0.22	0.1 (J)	<0.2	<0.2		
10/12/2017	<0.2	<0.2	<0.2	0.18 (J)	<0.2	<0.2	<0.2		
3/27/2018	<0.2						<0.2		
3/28/2018		<0.2	<0.2	0.19 (J)	<0.2	<0.2			
6/7/2018	<0.2			0.21	<0.2	<0.2	<0.2		
6/8/2018		<0.2	<0.2						
10/8/2018	<0.2				<0.2	<0.2	<0.2		
10/9/2018			<0.2						
10/18/2018		<0.2		0.23					
1/2/2019		<0.2							
1/10/2019									<0.2
2/19/2019						<0.2	0.055 (J)		
2/20/2019	0.034 (J)	<0.2	<0.2	0.2	0.051 (J)				
4/2/2019	0.045 (J)	0.05 (J)	<0.2	0.15 (J)	0.066 (J)	<0.2	0.036 (J)		
9/17/2019	0.047 (J)	0.034 (J)	<0.2	0.14	0.077 (J)				
9/18/2019						0.028 (J)	0.044 (J)		
2/13/2020									<0.2
2/18/2020				0.16	0.073 (J)	<0.2	0.082 (J)		
2/19/2020	0.046 (J)		<0.2						
2/20/2020		<0.2							
3/23/2020			0.057 (J)	0.25	0.11				
3/24/2020	0.058 (J)					<0.2	0.081 (J)		
3/26/2020		0.091 (J)							
9/15/2020	0.052 (J)	<0.2	<0.2	0.15	0.061 (J)	<0.2	0.052 (J)		
2/10/2021	0.03 (J)	<0.2	<0.2	0.19	0.049 (J)	<0.2	0.046 (J)		
3/30/2021		0.1 (J)	<0.2	0.18	0.074 (J)				
3/31/2021						<0.2	0.046 (J)		
4/1/2021	0.051 (J)								
8/18/2021	0.087 (J)	0.099 (J)			0.12	0.054 (J)	0.11		
8/19/2021			<0.2	0.17					
2/8/2022								<0.2	<0.2
2/10/2022		0.039 (J)				<0.2	0.066 (J)		
2/11/2022	0.064 (J)		<0.2	0.14	0.092 (J)				
8/22/2022			0.041 (J)	0.22	0.09 (J)	0.038 (J)	0.052 (J)		
8/23/2022		0.1 (J)							0.029 (J)
8/24/2022								0.069 (J)	
8/31/2022	0.058 (J)								

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/22/2023	0.06 (J)	0.061 (J)	0.046 (J)	0.13					
2/23/2023					0.087 (J)	0.075 (J)	0.089 (J)	0.042 (J)	0.043 (J)
8/1/2023									<0.2
8/2/2023								<0.2	
8/7/2023	0.076 (J)	0.043 (J)	<0.2	0.18		0.04 (J)			
8/8/2023					0.097 (J)		0.077 (J)		
2/20/2024			<0.2						
2/21/2024						<0.2	<0.2	<0.2	
2/26/2024	<0.2			<0.2					
2/27/2024		<0.2			<0.2				
2/28/2024									<0.2
8/1/2024			<0.2						
8/2/2024				<0.2	<0.2	<0.2	0.082 (J)		
8/5/2024	<0.2	<0.2						<0.2	<0.2
2/19/2025	<0.2							<0.2	<0.2
2/20/2025				<0.2	<0.2	<0.2			
2/21/2025		<0.2	<0.2				<0.2		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							<0.2	
10/17/2018		0.087 (J)						
10/18/2018	<0.2		<0.2	<0.2	0.083 (J)	<0.2		
2/19/2020				<0.2				
2/9/2022	0.028 (J)	<0.2		<0.2	0.033 (J)	0.028 (J)	<0.2	
2/10/2022			<0.2					0.15
8/22/2022					0.043 (J)			
8/23/2022		0.043 (J)	0.036 (J)					
8/24/2022	0.046 (J)			0.035 (J)		0.037 (J)	0.031 (J)	0.21
2/23/2023	0.049 (J)			0.06 (J)	0.079 (J)			
2/24/2023		0.062 (J)	0.047 (J)			0.042 (J)		0.083 (J)
2/28/2023							0.034 (J)	
8/1/2023	0.052 (J)		<0.2					
8/2/2023		0.04 (J)		<0.2	0.053 (J)	<0.2	<0.2	0.087 (J)
2/23/2024							<0.2	<0.2
2/26/2024	<0.2							
2/27/2024		<0.2	<0.2	<0.2	<0.2	<0.2		
8/1/2024	<0.2						<0.2	
8/2/2024						<0.2		<0.2
8/5/2024			<0.2		<0.2			
8/6/2024		<0.2		<0.2				
2/20/2025			<0.2		<0.2			
2/21/2025	<0.2			<0.2				
2/24/2025		<0.2				<0.2	<0.2	<0.2

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		
5/11/2016				<0.001				<0.001	<0.001
6/23/2016	<0.001	<0.001			<0.001	0.0001 (J)			
6/24/2016			<0.001	<0.001					
6/27/2016							<0.001	<0.001	<0.001
8/16/2016	<0.001	<0.001	<0.001		<0.001	<0.001			
8/17/2016				<0.001			<0.001	<0.001	0.00085 (J)
10/13/2016	<0.001					<0.001			
10/14/2016		<0.001	<0.001		<0.001		<0.001		
10/17/2016				<0.001				<0.001	
10/18/2016									<0.001
12/5/2016						<0.001			
12/6/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/14/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017						<0.001			
4/11/2017	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		
4/12/2017								<0.001	<0.001
6/26/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
6/27/2017							<0.001	<0.001	<0.001
3/26/2018	<0.001	<0.001	<0.001			<0.001			
3/27/2018				<0.001	<0.001		<0.001	<0.001	<0.001
6/5/2018	<0.001	<0.001			<0.001	<0.001	<0.001		
6/6/2018			<0.001	<0.001				<0.001	<0.001
10/5/2018	<0.001	<0.001	<0.001			<0.001			
10/8/2018				<0.001	<0.001		<0.001	<0.001	
10/9/2018									<0.001
2/18/2019	<0.001	<0.001		<0.001					
2/19/2019			<0.001		<0.001	<0.001	<0.001		
2/20/2019								<0.001	<0.001
3/28/2019			<0.001	<0.001	<0.001		<0.001		
3/29/2019	<0.001	<0.001				<0.001			
4/1/2019									<0.001
4/2/2019								<0.001	
9/12/2019					<0.001				
9/13/2019						0.00014 (J)			
9/16/2019	<0.001	<0.001	0.00017 (J)	<0.001			<0.001	<0.001	
9/17/2019									<0.001
2/13/2020	<0.001	<0.001				<0.001			
2/17/2020					<0.001		<0.001		
2/18/2020			<0.001	<0.001				<0.001	<0.001
3/17/2020		<0.001	<0.001		<0.001		<0.001		
3/18/2020	0.00022 (J)			0.00021 (J)		0.00022 (J)			
3/25/2020								0.0002 (J)	
3/26/2020									<0.001
9/14/2020	<0.001	<0.001	<0.001	<0.001	<0.001	0.00014 (J)	<0.001	<0.001	<0.001
2/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00014 (J)
3/30/2021	<0.001	<0.001				<0.001			
3/31/2021			<0.001	<0.001	<0.001				
4/1/2021								<0.001	0.00015 (J)
4/7/2021							<0.001		
8/17/2021	<0.001	<0.001		<0.001			<0.001		
8/18/2021			<0.001		0.0003 (J)	0.00023 (J)		<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/10/2022						<0.001			
8/17/2022	0.00018 (J)	0.00044 (J)							
8/18/2022			<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/19/2022								<0.001	
2/21/2023	<0.001		<0.001		<0.001				
2/22/2023		<0.001		<0.001				<0.001	<0.001
2/23/2023						<0.001	<0.001		
8/1/2023	<0.001	<0.001			<0.001			<0.001	
8/7/2023			<0.001	<0.001					
8/8/2023						<0.001	<0.001		<0.001
2/20/2024	<0.001	<0.001		<0.001				<0.001	
2/21/2024			<0.001		<0.001	<0.001			<0.001
2/27/2024							<0.001		
7/31/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/1/2024								<0.001	
2/19/2025				<0.001		<0.001	<0.001		<0.001
2/20/2025	<0.001	<0.001	<0.001		<0.001			0.00054 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	<0.001	<0.001	<0.001	<0.001	<0.001				
5/12/2016						<0.001	<0.001	<0.001	<0.001
6/27/2016	<0.001								
6/28/2016			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/29/2016		<0.001							
8/17/2016	<0.001		<0.001	<0.001					
8/18/2016					<0.001	<0.001	<0.001	<0.001	<0.001
8/22/2016		<0.001							
10/17/2016	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001		
10/18/2016		<0.001						<0.001	<0.001
12/6/2016	<0.001		<0.001	<0.001	<0.001	<0.001			
12/7/2016		<0.001					<0.001	<0.001	<0.001
2/14/2017	<0.001								
2/15/2017			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/16/2017		<0.001							<0.001
4/12/2017	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
4/13/2017		<0.001							<0.001
6/27/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2018	<0.001		<0.001	<0.001	<0.001	0.00039 (J)	<0.001	<0.001	<0.001
3/28/2018		<0.001							
6/6/2018	<0.001	<0.001	<0.001	<0.001	<0.001				
6/7/2018						<0.001	<0.001	<0.001	<0.001
10/8/2018					<0.001	<0.001	<0.001		<0.001
10/9/2018	<0.001	<0.001	<0.001						
10/16/2018				<0.001				<0.001	
2/20/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
4/2/2019									<0.001
9/16/2019		<0.001		<0.001	<0.001				
9/17/2019	<0.001		0.00013 (J)			<0.001	0.00016 (J)	<0.001	<0.001
2/18/2020	<0.001			<0.001					
2/19/2020		<0.001	0.00014 (J)		<0.001	<0.001	<0.001	<0.001	<0.001
3/25/2020	0.00029 (J)	<0.001	<0.001	<0.001					
3/26/2020					<0.001				
3/27/2020						<0.001	0.00066 (J)	0.00023 (J)	0.00013 (J)
9/14/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
9/15/2020							<0.001	<0.001	<0.001
2/9/2021	0.00062 (J)	<0.001	0.00013 (J)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/31/2021		<0.001	<0.001					<0.001	
4/1/2021	<0.001								<0.001
4/6/2021							<0.001		
4/7/2021				<0.001	<0.001	<0.001			
8/18/2021	<0.001								
8/19/2021		<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
8/20/2021					<0.001				
2/10/2022	<0.001	<0.001		<0.001	0.0002 (J)				<0.001
2/11/2022			<0.001			<0.001		<0.001	
2/14/2022							<0.001		
8/18/2022	<0.001	<0.001		<0.001	<0.001	<0.001			
8/19/2022			<0.001				0.00028 (J)	<0.001	
8/31/2022									<0.001
2/22/2023	<0.001	<0.001	<0.001	<0.001					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/23/2023					<0.001	<0.001	<0.001	<0.001	<0.001
8/2/2023				<0.001		<0.001			
8/7/2023		<0.001	<0.001		<0.001			<0.001	
8/8/2023	<0.001						<0.001		<0.001
2/21/2024	<0.001	<0.001							
2/23/2024			<0.001	<0.001	<0.001	0.00038 (J)			
2/26/2024								<0.001	<0.001
2/27/2024							<0.001		
8/1/2024	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/5/2024			<0.001						
2/19/2025	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		<0.001
2/20/2025				<0.001				<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	<0.001			<0.001	<0.001	<0.001	<0.001		
5/13/2016		<0.001	<0.001						
6/29/2016	<0.001		<0.001	0.0005 (J)	9E-05 (J)	<0.001	9E-05 (J)		
6/30/2016		<0.001							
8/18/2016	<0.001								
8/19/2016						<0.001	<0.001		
8/22/2016		<0.001	<0.001	<0.001	<0.001				
10/18/2016			<0.001	<0.001	<0.001	<0.001	<0.001		
10/19/2016	<0.001	<0.001							
12/7/2016	<0.001	<0.001			<0.001	<0.001	<0.001		
12/8/2016			<0.001	<0.001					
2/15/2017	<0.001						<0.001		
2/16/2017		<0.001	<0.001	0.00035 (J)	<0.001	<0.001			
4/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
6/27/2017	<0.001								
6/28/2017		<0.001	<0.001	0.00041 (J)	<0.001	<0.001	<0.001		
3/27/2018	<0.001						<0.001		
3/28/2018		<0.001	<0.001	<0.001	<0.001	<0.001			
6/7/2018	<0.001			<0.001	<0.001	<0.001	<0.001		
6/8/2018		<0.001	<0.001						
10/8/2018	<0.001				<0.001	<0.001	<0.001		
10/9/2018			<0.001						
10/18/2018		<0.001		<0.001					
1/2/2019		<0.001							
1/10/2019									<0.001
2/19/2019						<0.001	<0.001		
2/20/2019	<0.001	<0.001	<0.001	0.00027 (J)	<0.001				
4/2/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
9/17/2019	<0.001	<0.001	<0.001	0.00025 (J)	<0.001				
9/18/2019						<0.001	<0.001		
2/13/2020									<0.001
2/18/2020				0.00025 (J)	<0.001	0.00018 (J)	<0.001		
2/19/2020	<0.001		<0.001						
2/20/2020		<0.001							
3/23/2020			<0.001	0.00023 (J)	<0.001				
3/24/2020	<0.001					<0.001	<0.001		
3/26/2020		<0.001							
9/15/2020	<0.001	<0.001	<0.001	0.00017 (J)	0.00022 (J)	0.00019 (J)	<0.001		
2/10/2021	0.00017 (J)	0.00029 (J)	<0.001	0.0003 (J)	0.00016 (J)	0.00016 (J)	<0.001		
3/30/2021		<0.001	<0.001	0.00018 (J)	0.0002 (J)				
3/31/2021						0.00015 (J)	<0.001		
4/1/2021	<0.001								
8/18/2021	<0.001	0.00071 (J)			0.00041 (J)	<0.001	<0.001		
8/19/2021			<0.001	0.00034 (J)					
2/8/2022								<0.001	<0.001
2/10/2022		<0.001				<0.001	<0.001		
2/11/2022	<0.001		0.00033 (J)	0.00021 (J)	<0.001				
8/22/2022			<0.001	0.00028 (J)	0.0002 (J)	0.00017 (J)	<0.001		
8/23/2022		<0.001							<0.001
8/24/2022								<0.001	
8/31/2022	<0.001								
2/22/2023	<0.001	<0.001	<0.001	<0.001					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/23/2023					<0.001	<0.001	<0.001	<0.001	<0.001
8/1/2023									<0.001
8/2/2023								<0.001	
8/7/2023	<0.001	<0.001	<0.001	<0.001		<0.001			
8/8/2023					<0.001		<0.001		
2/20/2024			<0.001						
2/21/2024						<0.001	<0.001	<0.001	
2/26/2024	<0.001			<0.001					
2/27/2024		<0.001			<0.001				
2/28/2024									<0.001
8/1/2024			<0.001						
8/2/2024				<0.001	<0.001	<0.001	<0.001		
8/5/2024	<0.001	<0.001						<0.001	<0.001
2/19/2025	<0.001							0.00069 (J)	<0.001
2/20/2025				<0.001	0.0047	<0.001			
2/21/2025		<0.001	<0.001				<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							<0.001	
10/17/2018		<0.001						
10/18/2018	<0.001		<0.001	<0.001	<0.001	<0.001		
2/19/2020				<0.001				
2/9/2022	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
2/10/2022			<0.001					<0.001
8/22/2022					0.00019 (J)			
8/23/2022		<0.001	<0.001					
8/24/2022	<0.001			<0.001		<0.001	<0.001	<0.001
2/23/2023	<0.001			<0.001	<0.001			
2/24/2023		<0.001	<0.001			<0.001		<0.001
2/28/2023							<0.001	
8/1/2023	<0.001		<0.001					
8/2/2023		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/23/2024							<0.001	<0.001
2/26/2024	<0.001							
2/27/2024		<0.001	<0.001	<0.001	<0.001	<0.001		
8/1/2024	<0.001						<0.001	
8/2/2024						<0.001		<0.001
8/5/2024			<0.001		<0.001			
8/6/2024		<0.001		<0.001				
2/20/2025			<0.001		<0.001			
2/21/2025	<0.001			<0.001				
2/24/2025		<0.001				<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005		
5/11/2016				<0.005				<0.005	<0.005
6/23/2016	0.0013 (J)	<0.005			<0.005	<0.005			
6/24/2016			<0.005	<0.005					
6/27/2016							<0.005	<0.005	0.0031 (J)
8/16/2016	<0.005	<0.005	<0.005		<0.005	<0.005			
8/17/2016				<0.005			<0.005	<0.005	0.0046 (J)
10/13/2016	<0.005					<0.005			
10/14/2016		<0.005	<0.005		<0.005		<0.005		
10/17/2016				<0.005				<0.005	
10/18/2016									0.0036 (J)
12/5/2016						<0.005			
12/6/2016	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0.0043 (J)
2/14/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0043 (J)
4/10/2017						<0.005			
4/11/2017	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
4/12/2017								<0.005	0.0051
6/26/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
6/27/2017							<0.005	<0.005	0.0033 (J)
3/26/2018	0.0024 (J)	<0.005	0.0013 (J)			<0.005			
3/27/2018				<0.005	0.0017 (J)		<0.005	<0.005	0.0061
6/5/2018	0.0018 (J)	<0.005			<0.005	0.0011 (J)	0.0015 (J)		
6/6/2018			<0.005	<0.005				<0.005	0.004 (J)
10/5/2018	0.0018 (J)	<0.005	<0.005			0.0012 (J)			
10/8/2018				<0.005	<0.005		<0.005	<0.005	
10/9/2018									0.0053
2/18/2019	<0.005	<0.005		<0.005					
2/19/2019			<0.005		<0.005	<0.005	<0.005		
2/20/2019								<0.005	0.006
3/28/2019			<0.005	<0.005	<0.005		<0.005		
3/29/2019	<0.005	<0.005				<0.005			
4/1/2019									0.0058
4/2/2019								<0.005	
9/12/2019					<0.005				
9/13/2019						<0.005			
9/16/2019	0.0034	<0.005	<0.005	<0.005			<0.005	<0.005	
9/17/2019									0.0049
2/13/2020	<0.005	<0.005				<0.005			
2/17/2020					<0.005		<0.005		
2/18/2020			<0.005	<0.005				<0.005	0.0052
3/17/2020		<0.005	<0.005		<0.005		<0.005		
3/18/2020	<0.005			<0.005		<0.005			
3/25/2020								<0.005	
3/26/2020									0.006
9/14/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0051
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0052
3/30/2021	<0.005	<0.005				<0.005			
3/31/2021			<0.005	<0.005	<0.005				
4/1/2021								<0.005	0.0053
4/7/2021							<0.005		
8/17/2021	<0.005	<0.005		<0.005			<0.005		
8/18/2021			<0.005		<0.005	<0.005		<0.005	0.0034 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	0.0011 (J)	<0.005	<0.005	<0.005	0.00094 (J)		<0.005	0.0013 (J)	0.0048 (J)
2/10/2022						<0.005			
8/17/2022	0.0035 (J)	0.0016 (J)							
8/18/2022			0.0012 (J)	0.00086 (J)	0.0019 (J)	0.0015 (J)	0.0014 (J)		0.0061
8/19/2022								0.0023 (J)	
2/21/2023	0.0022 (J)		<0.005		0.002 (J)				
2/22/2023		<0.005		<0.005				<0.005	0.0056
2/23/2023						0.0022 (J)	0.002 (J)		
8/1/2023	<0.005	<0.005			<0.005			<0.005	
8/7/2023			<0.005	<0.005					
8/8/2023						<0.005	<0.005		0.0041 (J)
2/20/2024	0.0051	0.0025 (J)		<0.005				0.0046 (J)	
2/21/2024			<0.005		<0.005	<0.005			0.003 (J)
2/27/2024							0.0023 (J)		
7/31/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		0.002 (J)
8/1/2024								0.004 (J)	
2/19/2025				0.0037 (J)		<0.005	0.0033 (J)		0.0063
2/20/2025	<0.005	<0.005	<0.005		0.0031 (J)			<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
5/12/2016						<0.005	<0.005	<0.005	<0.005
6/27/2016	0.0013 (J)								
6/28/2016			<0.005	0.0013 (J)	<0.005	<0.005	<0.005	0.0024 (J)	<0.005
6/29/2016		<0.005							
8/17/2016	<0.005		<0.005	<0.005					
8/18/2016					<0.005	<0.005	<0.005	<0.005	<0.005
8/22/2016		<0.005							
10/17/2016	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005		
10/18/2016		<0.005						<0.005	<0.005
12/6/2016	<0.005		<0.005	<0.005	<0.005	<0.005			
12/7/2016		<0.005					<0.005	<0.005	<0.005
2/14/2017	<0.005								
2/15/2017			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/16/2017		<0.005							<0.005
4/12/2017	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
4/13/2017		<0.005							<0.005
6/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/27/2018	0.0023 (J)		<0.005	0.0029 (J)	<0.005	<0.005	<0.005	0.0034 (J)	<0.005
3/28/2018		<0.005							
6/6/2018	0.0018 (J)	<0.005	<0.005	0.0017 (J)	<0.005				
6/7/2018						<0.005	<0.005	0.003 (J)	<0.005
10/8/2018					<0.005	0.0014 (J)	0.0011 (J)		0.0015 (J)
10/9/2018	0.002 (J)	<0.005	<0.005						
10/16/2018				0.0031 (J)				0.0034 (J)	
2/20/2019	<0.005	<0.005	<0.005	0.0031 (J)	<0.005	<0.005	<0.005	0.0038 (J)	<0.005
4/1/2019	0.0021 (J)	<0.005	<0.005	0.0017 (J)	0.0011 (J)	<0.005	<0.005	0.0025 (J)	
4/2/2019									<0.005
9/16/2019		<0.005		<0.005	<0.005				
9/17/2019	<0.005		<0.005			<0.005	<0.005	0.0037	<0.005
2/18/2020	<0.005			<0.005					
2/19/2020		<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
3/25/2020	<0.005	<0.005	<0.005	<0.005					
3/26/2020					<0.005				
3/27/2020						<0.005	<0.005	0.0038 (J)	<0.005
9/14/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
9/15/2020							<0.005	0.0037 (J)	<0.005
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2021		<0.005	<0.005					<0.005	
4/1/2021	<0.005								<0.005
4/6/2021							<0.005		
4/7/2021				<0.005	<0.005	<0.005			
8/18/2021	<0.005								
8/19/2021		<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
8/20/2021					<0.005				
2/10/2022	0.0015 (J)	<0.005		0.0022 (J)	<0.005				<0.005
2/11/2022			<0.005			<0.005		0.0027 (J)	
2/14/2022							<0.005		
8/18/2022	0.0025 (J)	0.0014 (J)		0.0033 (J)	0.0012 (J)	0.0012 (J)			
8/19/2022			0.0011 (J)				0.0015 (J)	0.0038 (J)	
8/31/2022									0.0012 (J)
2/22/2023	0.0014 (J)	<0.005	<0.005	0.0024 (J)					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/23/2023					<0.005	<0.005	<0.005	0.0022 (J)	<0.005
8/2/2023				<0.005		<0.005			
8/7/2023		<0.005	<0.005		<0.005			<0.005	
8/8/2023	<0.005						<0.005		<0.005
2/21/2024	<0.005	<0.005							
2/23/2024			<0.005	<0.005	<0.005	<0.005			
2/26/2024								<0.005	<0.005
2/27/2024							0.0021 (J)		
8/1/2024	<0.005	<0.005		0.0059	<0.005	0.0026 (J)	<0.005	0.0042 (J)	<0.005
8/5/2024			<0.005						
2/19/2025	<0.005	<0.005	<0.005		<0.005	0.0025 (J)	0.0035 (J)		0.0038 (J)
2/20/2025				0.0043 (J)				0.0038 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	<0.005			<0.005	<0.005	<0.005	<0.005		
5/13/2016		<0.005	<0.005						
6/29/2016	<0.005		<0.005	0.0043 (J)	<0.005	<0.005	0.0027 (J)		
6/30/2016		0.0032 (J)							
8/18/2016	<0.005								
8/19/2016						<0.005	<0.005		
8/22/2016		<0.005	<0.005	0.0051	<0.005				
10/18/2016			<0.005	0.0038 (J)	<0.005	<0.005	0.0032 (J)		
10/19/2016	<0.005	0.0042 (J)							
12/7/2016	<0.005	<0.005			<0.005	<0.005	0.0043 (J)		
12/8/2016			<0.005	0.0043 (J)					
2/15/2017	<0.005						<0.005		
2/16/2017		0.0034 (J)	<0.005	0.0047 (J)	<0.005	<0.005			
4/13/2017	<0.005	<0.005	<0.005	0.004 (J)	<0.005	<0.005	0.0036 (J)		
6/27/2017	<0.005								
6/28/2017		<0.005	<0.005	0.0032 (J)	<0.005	<0.005	0.0032 (J)		
3/27/2018	0.0014 (J)						0.005		
3/28/2018		0.0056	<0.005	0.0053	0.0038 (J)	0.0033 (J)			
6/7/2018	<0.005			0.0038 (J)	0.0013 (J)	<0.005	0.0027 (J)		
6/8/2018		0.0042 (J)	0.0022 (J)						
10/8/2018	<0.005				0.0019 (J)	0.0011 (J)	0.0035 (J)		
10/9/2018			<0.005						
10/18/2018		0.0054		0.0062					
1/2/2019		0.0055							
1/10/2019									<0.005
2/19/2019						<0.005	<0.005		
2/20/2019	<0.005	0.0054	<0.005	0.0048 (J)	<0.005				
4/2/2019	<0.005	0.0041 (J)	0.0021 (J)	0.0046 (J)	0.0027 (J)	0.0026 (J)	0.0041 (J)		
9/17/2019	<0.005	0.005	<0.005	0.0042	<0.005				
9/18/2019						<0.005	0.0043		
2/13/2020									<0.005
2/18/2020				0.0036 (J)	<0.005	<0.005	<0.005		
2/19/2020	<0.005		<0.005						
2/20/2020		0.0045 (J)							
3/23/2020			<0.005	0.0045 (J)	<0.005				
3/24/2020	<0.005					<0.005	<0.005		
3/26/2020		0.0046 (J)							
9/15/2020	<0.005	0.0049 (J)	<0.005	0.0037 (J)	<0.005	<0.005	<0.005		
2/10/2021	<0.005	0.0055	<0.005	0.0047 (J)	<0.005	<0.005	<0.005		
3/30/2021		0.0043 (J)	<0.005	<0.005	<0.005				
3/31/2021						<0.005	<0.005		
4/1/2021	<0.005								
4/2/2021									<0.005
8/18/2021	<0.005	0.0047 (J)			<0.005	<0.005	<0.005		<0.005
8/19/2021			<0.005	0.0046 (J)					
2/8/2022								0.0025 (J)	0.0015 (J)
2/10/2022		0.0039 (J)				<0.005	0.0029 (J)		
2/11/2022	<0.005		0.0072	0.0037 (J)	0.0011 (J)				
8/22/2022			0.0012 (J)	0.003 (J)	<0.005	0.00087 (J)	0.002 (J)		
8/23/2022		0.0032 (J)							0.0011 (J)
8/24/2022								0.0023 (J)	
8/31/2022	<0.005								

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/22/2023	<0.005	0.0035 (J)	0.0015 (J)	0.0025 (J)					
2/23/2023					<0.005	0.0019 (J)	0.0042 (J)	0.0033 (J)	0.0022 (J)
8/1/2023									<0.005
8/2/2023								<0.005	
8/7/2023	<0.005	<0.005	<0.005	<0.005		<0.005			
8/8/2023					<0.005		<0.005		
2/20/2024			0.015						
2/21/2024						<0.005	0.0027 (J)	<0.005	
2/26/2024	<0.005			<0.005					
2/27/2024		0.0069			<0.005				
2/28/2024									<0.005
8/1/2024			0.0027 (J)						
8/2/2024				0.004 (J)	0.0033 (J)	<0.005	0.0034 (J)		
8/5/2024	<0.005	<0.005						<0.005	<0.005
2/19/2025	<0.005							<0.005	0.0031 (J)
2/20/2025				0.0071	<0.005	<0.005			
2/21/2025		0.0026 (J)	0.016				0.0051		

Time Series

Constituent: Lithium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							0.069	
10/17/2018		0.0027 (J)						
10/18/2018	0.0017 (J)		0.015	0.0029 (J)	0.004 (J)	0.0015 (J)		
2/19/2020				<0.005				
3/2/2020							<0.005	
3/31/2021							0.023	
4/7/2021							0.02	
8/18/2021							0.0095	
2/9/2022	<0.005	0.012		<0.005	0.0026 (J)	0.0031 (J)	0.01	
2/10/2022			0.01					0.0029 (J)
8/22/2022					0.0036 (J)			
8/23/2022		0.022	0.01					
8/24/2022	<0.005			0.00099 (J)		0.0032 (J)	0.011	0.0025 (J)
2/23/2023	0.0016 (J)			<0.005	0.0064			
2/24/2023		0.0071	0.011			0.0046 (J)		0.0026 (J)
2/28/2023							0.014	
8/1/2023	<0.005		0.0083					
8/2/2023		0.0063		<0.005	0.0055	<0.005	0.015	<0.005
2/23/2024							0.01	<0.005
2/26/2024	<0.005							
2/27/2024		<0.005	0.0071	<0.005	0.0049 (J)	0.0038 (J)		
8/1/2024	<0.005						0.06	
8/2/2024						0.0045 (J)		0.0045 (J)
8/5/2024			0.012		<0.005			
8/6/2024		0.0094		<0.005				
2/20/2025			0.013		0.028			
2/21/2025	<0.005			0.0057				
2/24/2025		0.0025 (J)				<0.005	0.037	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002		
5/11/2016				<0.0002				<0.0002	<0.0002
6/23/2016	<0.0002	<0.0002			<0.0002	<0.0002			
6/24/2016			<0.0002	<0.0002					
6/27/2016							<0.0002	<0.0002	<0.0002
8/16/2016	<0.0002	<0.0002	<0.0002		7.2E-05 (J)	<0.0002			
8/17/2016				<0.0002			<0.0002	<0.0002	<0.0002
10/13/2016	<0.0002					<0.0002			
10/14/2016		<0.0002	<0.0002		<0.0002		<0.0002		
10/17/2016				<0.0002				<0.0002	
10/18/2016									<0.0002
12/5/2016						0.00012 (J)			
12/6/2016	0.00012 (J)	0.00011 (J)	8.7E-05 (J)	0.00011 (J)	0.00012 (J)		0.00011 (J)	0.00011 (J)	0.00011 (J)
2/14/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/10/2017						<0.0002			
4/11/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002		
4/12/2017								<0.0002	<0.0002
6/26/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
6/27/2017							<0.0002	<0.0002	<0.0002
3/26/2018	8.9E-05 (J)	<0.0002	<0.0002			<0.0002			
3/27/2018				<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
6/5/2018	<0.0002	<0.0002			<0.0002	<0.0002	7.5E-05 (J)		
6/6/2018			<0.0002	<0.0002				<0.0002	<0.0002
10/5/2018	<0.0002	<0.0002	<0.0002			<0.0002			
10/8/2018				<0.0002	<0.0002		<0.0002	<0.0002	
10/9/2018									<0.0002
2/18/2019	<0.0002	<0.0002		<0.0002					
2/19/2019			<0.0002		<0.0002	<0.0002	<0.0002		
2/20/2019								<0.0002	<0.0002
3/28/2019			<0.0002	<0.0002	<0.0002		<0.0002		
3/29/2019	7E-05 (J)	<0.0002				<0.0002			
4/1/2019									<0.0002
4/2/2019								<0.0002	
9/12/2019					<0.0002				
9/13/2019						<0.0002			
9/16/2019	<0.0002	<0.0002	0.0005	0.00027			<0.0002	<0.0002	
9/17/2019									<0.0002
12/3/2019			<0.0002	<0.0002					
2/13/2020	<0.0002	<0.0002				<0.0002			
2/17/2020					<0.0002		<0.0002		
2/18/2020			<0.0002	<0.0002				<0.0002	<0.0002
3/17/2020		<0.0002	<0.0002		<0.0002		<0.0002		
3/18/2020	<0.0002			<0.0002		<0.0002			
3/25/2020								<0.0002	
3/26/2020									<0.0002
9/14/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/9/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/30/2021	<0.0002	<0.0002				<0.0002			
3/31/2021			<0.0002	<0.0002	<0.0002				
4/1/2021								<0.0002	<0.0002
4/7/2021							<0.0002		
8/17/2021	<0.0002	<0.0002		<0.0002			<0.0002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/18/2021			<0.0002		<0.0002	<0.0002		<0.0002	<0.0002
2/9/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
2/10/2022						<0.0002			
8/17/2022	<0.0002	<0.0002							
8/18/2022			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
8/19/2022								<0.0002	
2/21/2023	<0.0002		<0.0002		<0.0002				
2/22/2023		<0.0002		<0.0002				<0.0002	<0.0002
2/23/2023						<0.0002	<0.0002		
8/1/2023	<0.0002	<0.0002			<0.0002			<0.0002	
8/7/2023			<0.0002	<0.0002					
8/8/2023						<0.0002	<0.0002		<0.0002
2/20/2024	<0.0002	<0.0002		<0.0002				<0.0002	
2/21/2024			<0.0002		<0.0002	<0.0002			<0.0002
2/27/2024							<0.0002		
7/31/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
8/1/2024								<0.0002	
2/19/2025				<0.0002		<0.0002	<0.0002		<0.0002
2/20/2025	<0.0002	<0.0002	<0.0002		<0.0002			<0.0002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
5/12/2016						<0.0002	<0.0002	<0.0002	<0.0002
6/27/2016	<0.0002								
6/28/2016			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
6/29/2016		<0.0002							
8/17/2016	<0.0002		<0.0002	<0.0002					
8/18/2016					<0.0002	<0.0002	<0.0002	0.00011 (J)	<0.0002
8/22/2016		<0.0002							
10/17/2016	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	8.9E-05 (J)		
10/18/2016		<0.0002						0.00012 (J)	<0.0002
12/6/2016	7.6E-05 (J)		0.00013 (J)	0.0001 (J)	9.3E-05 (J)	0.00011 (J)			
12/7/2016		0.0001 (J)					0.00012 (J)	0.00017 (J)	7.6E-05 (J)
2/14/2017	<0.0002								
2/15/2017			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00011 (J)	
2/16/2017		<0.0002							<0.0002
4/12/2017	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	7.2E-05 (J)	
4/13/2017		<0.0002							<0.0002
6/27/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	8.4E-05 (J)	<0.0002
3/27/2018	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	0.0001 (J)	0.00014 (J)	<0.0002
3/28/2018		<0.0002							
6/6/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
6/7/2018						<0.0002	<0.0002	0.00013 (J)	<0.0002
10/8/2018					<0.0002	<0.0002	<0.0002		<0.0002
10/9/2018	<0.0002	<0.0002	<0.0002						
10/16/2018				<0.0002				<0.0002	
2/20/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/1/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
4/2/2019									<0.0002
9/16/2019		<0.0002		<0.0002	<0.0002				
9/17/2019	<0.0002		<0.0002			<0.0002	<0.0002	<0.0002	<0.0002
2/18/2020	<0.0002			<0.0002					
2/19/2020		<0.0002	<0.0002		<0.0002	<0.0002	0.0002	0.00016 (J)	<0.0002
3/25/2020	<0.0002	<0.0002	<0.0002	<0.0002					
3/26/2020					<0.0002				
3/27/2020						<0.0002	<0.0002	0.00011 (J)	<0.0002
9/14/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
9/15/2020							<0.0002	<0.0002	<0.0002
2/9/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00013 (J)	<0.0002
3/31/2021		<0.0002	<0.0002					0.00018 (J)	
4/1/2021	<0.0002								<0.0002
4/6/2021							<0.0002		
4/7/2021				<0.0002	<0.0002	<0.0002			
8/18/2021	<0.0002								
8/19/2021		<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
8/20/2021					<0.0002				
2/10/2022	<0.0002	<0.0002		<0.0002	<0.0002				<0.0002
2/11/2022			<0.0002			<0.0002		<0.0002	
2/14/2022							<0.0002		
8/18/2022	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002			
8/19/2022			<0.0002				<0.0002	<0.0002	
8/31/2022									<0.0002
2/22/2023	<0.0002	<0.0002	<0.0002	<0.0002					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/23/2023					<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/2/2023				<0.0002		<0.0002			
8/7/2023		<0.0002	<0.0002		<0.0002			0.0001 (J)	
8/8/2023	<0.0002						<0.0002		<0.0002
2/21/2024	<0.0002	<0.0002							
2/23/2024			<0.0002	<0.0002	<0.0002	<0.0002			
2/26/2024								0.00013 (J)	<0.0002
2/27/2024							<0.0002		
8/1/2024	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	8.9E-05 (J)	<0.0002
8/5/2024			<0.0002						
2/19/2025	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	8.1E-05 (J)		<0.0002
2/20/2025				<0.0002				0.00015 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	<0.0002			<0.0002	<0.0002	<0.0002	<0.0002		
5/13/2016		<0.0002	<0.0002						
6/29/2016	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
6/30/2016		<0.0002							
8/18/2016	<0.0002								
8/19/2016						<0.0002	7.1E-05 (J)		
8/22/2016		0.00014 (J)	<0.0002	7.3E-05 (J)	<0.0002				
10/18/2016			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
10/19/2016	<0.0002	<0.0002							
12/7/2016	0.00011 (J)	0.00014 (J)			0.0001 (J)	9.9E-05 (J)	0.00011 (J)		
12/8/2016			<0.0002	<0.0002					
2/15/2017	<0.0002						<0.0002		
2/16/2017		8.4E-05 (J)	<0.0002	<0.0002	<0.0002	<0.0002			
4/13/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
6/27/2017	<0.0002								
6/28/2017		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
3/27/2018	<0.0002						<0.0002		
3/28/2018		8.3E-05 (J)	<0.0002	<0.0002	<0.0002	<0.0002			
6/7/2018	0.00011 (J)			8.2E-05 (J)	<0.0002	<0.0002	0.00028		
6/8/2018		0.00014 (J)	<0.0002						
10/8/2018	<0.0002				<0.0002	<0.0002	<0.0002		
10/9/2018			<0.0002						
10/18/2018		0.00021		<0.0002					
1/2/2019		0.00024							
1/10/2019									<0.0002
2/19/2019						<0.0002	<0.0002		
2/20/2019	<0.0002	0.00026	<0.0002	<0.0002	<0.0002				
4/2/2019	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
9/17/2019	<0.0002	0.00014 (J)	<0.0002	<0.0002	<0.0002				
9/18/2019						<0.0002	<0.0002		
2/13/2020									<0.0002
2/18/2020				<0.0002	<0.0002	<0.0002	0.00011 (J)		
2/19/2020	<0.0002		<0.0002						
2/20/2020		0.00022							
3/23/2020			<0.0002	<0.0002	<0.0002				
3/24/2020	<0.0002					<0.0002	<0.0002		
3/26/2020		0.00019 (J)							
9/15/2020	<0.0002	0.00013 (J)	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
2/10/2021	<0.0002	0.00018 (J)	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
3/30/2021		0.00022	<0.0002	0.00013 (J)	<0.0002				
3/31/2021						<0.0002	<0.0002		
4/1/2021	<0.0002								
8/18/2021	0.00017 (J)	0.00022			<0.0002	<0.0002	<0.0002		
8/19/2021			<0.0002	<0.0002					
2/8/2022								0.00022	<0.0002
2/10/2022		<0.0002				<0.0002	<0.0002		
2/11/2022	<0.0002		<0.0002	<0.0002	<0.0002				
8/24/2022								0.00024	
8/31/2022	0.00013 (J)								
10/31/2022		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
2/22/2023	<0.0002	<0.0002	<0.0002	<0.0002					
2/23/2023					<0.0002	<0.0002	<0.0002	0.00015 (J)	<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
8/1/2023									<0.0002
8/2/2023								0.00016 (J)	
8/7/2023	<0.0002	8.3E-05 (J)	<0.0002	<0.0002		<0.0002			
8/8/2023					<0.0002		<0.0002		
2/20/2024			<0.0002						
2/21/2024						<0.0002	<0.0002	9.6E-05 (J)	
2/26/2024	9.1E-05 (J)			<0.0002					
2/27/2024		<0.0002			<0.0002				
2/28/2024									<0.0002
8/1/2024			<0.0002						
8/2/2024				<0.0002	<0.0002	<0.0002	<0.0002		
8/5/2024	<0.0002	<0.0002						0.00013 (J)	<0.0002
2/19/2025	8.7E-05 (J)							0.00069	<0.0002
2/20/2025				<0.0002	<0.0002	<0.0002			
2/21/2025		<0.0002	<0.0002				<0.0002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							8.4E-05 (J)	
10/17/2018		<0.0002						
10/18/2018	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002		
2/19/2020				<0.0002				
2/9/2022	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	
2/10/2022			<0.0002					<0.0002
8/24/2022	<0.0002			<0.0002		<0.0002	<0.0002	<0.0002
10/31/2022		<0.0002	<0.0002		<0.0002			
2/23/2023	<0.0002			<0.0002	<0.0002			
2/24/2023		<0.0002	<0.0002			<0.0002		<0.0002
2/28/2023							<0.0002	
8/1/2023	<0.0002		<0.0002					
8/2/2023		<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/23/2024							<0.0002	<0.0002
2/26/2024	<0.0002							
2/27/2024		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
8/1/2024	<0.0002						<0.0002	
8/2/2024						<0.0002		<0.0002
8/5/2024			<0.0002		<0.0002			
8/6/2024		<0.0002		<0.0002				
2/20/2025			<0.0002		<0.0002			
2/21/2025	<0.0002			<0.0002				
2/24/2025		<0.0002				<0.0002	<0.0002	<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.015	<0.015	<0.015		<0.015	<0.015	<0.015		
5/11/2016				0.00278 (J)				<0.015	0.00343 (J)
6/23/2016	<0.015	<0.015			<0.015	<0.015			
6/24/2016			<0.015	0.0022 (J)					
6/27/2016							<0.015	0.0007 (J)	0.0033 (J)
8/16/2016	<0.015	<0.015	<0.015		<0.015	<0.015			
8/17/2016				0.0018 (J)			<0.015	<0.015	0.002 (J)
10/13/2016	<0.015					<0.015			
10/14/2016		<0.015	<0.015		<0.015		<0.015		
10/17/2016				0.0014 (J)				<0.015	
10/18/2016									0.0012 (J)
12/5/2016						<0.015			
12/6/2016	<0.015	<0.015	<0.015	0.00095 (J)	<0.015		<0.015	<0.015	0.0021 (J)
2/14/2017	<0.015	<0.015	0.0011 (J)	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
4/10/2017						<0.015			
4/11/2017	<0.015	<0.015	<0.015	0.0011 (J)	<0.015		<0.015		
4/12/2017								<0.015	0.0033 (J)
6/26/2017	<0.015	<0.015	<0.015	0.0016 (J)	<0.015	<0.015			
6/27/2017							<0.015	0.00099 (J)	0.0021 (J)
3/26/2018	<0.015	<0.015	<0.015			<0.015			
3/27/2018				<0.015	<0.015		<0.015	<0.015	<0.015
10/5/2018	<0.015	<0.015	<0.015			<0.015			
10/8/2018				<0.015	<0.015		<0.015	<0.015	
10/9/2018									<0.015
2/18/2019	<0.015	<0.015		0.00085 (J)					
2/19/2019			<0.015		<0.015	<0.015	<0.015		
2/20/2019								<0.015	0.0013 (J)
3/28/2019			<0.015	<0.015	<0.015		<0.015		
3/29/2019	<0.015	<0.015				<0.015			
4/1/2019									<0.015
4/2/2019								<0.015	
9/12/2019					<0.015				
9/13/2019						<0.015			
9/16/2019	<0.015	<0.015	<0.015	0.00069 (J)			<0.015	<0.015	
9/17/2019									0.0014 (J)
2/13/2020	<0.015	<0.015				<0.015			
2/17/2020					<0.015		<0.015		
2/18/2020			<0.015	0.00075 (J)				<0.015	0.0014 (J)
3/17/2020		<0.015	<0.015		<0.015		<0.015		
3/18/2020	<0.015			0.00064 (J)		<0.015			
3/25/2020								<0.015	
3/26/2020									0.001 (J)
9/14/2020	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	0.0012 (J)
2/9/2021	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	0.0014 (J)
3/30/2021	<0.015	<0.015				<0.015			
3/31/2021			<0.015	<0.015	<0.015				
4/1/2021								<0.015	0.0009 (J)
4/7/2021							<0.015		
8/17/2021	<0.015	<0.015		<0.015			<0.015		
8/18/2021			<0.015		<0.015	<0.015		<0.015	0.0016 (J)
2/9/2022	<0.015	<0.015	<0.015	<0.015	<0.015		<0.015	<0.015	0.0012 (J)
2/10/2022						<0.015			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/17/2022	<0.015	<0.015							
8/18/2022			<0.015	<0.015	<0.015	<0.015	<0.015		0.0011 (J)
8/19/2022								<0.015	
2/21/2023	<0.015		<0.015		<0.015				
2/22/2023		<0.015		<0.015				<0.015	<0.015
2/23/2023						<0.015	<0.015		
8/1/2023	<0.015	<0.015			<0.015			<0.015	
8/7/2023			<0.015	<0.015					
8/8/2023						<0.015	<0.015		0.001 (J)
2/20/2024	<0.015	<0.015		<0.015				<0.015	
2/21/2024			<0.015		<0.015	<0.015			0.0014 (J)
2/27/2024							<0.015		
7/31/2024	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		0.0011 (J)
8/1/2024								<0.015	
2/19/2025				<0.015		<0.015	<0.015		0.001 (J)
2/20/2025	<0.015	<0.015	<0.015		<0.015			<0.015	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	<0.015	<0.015	<0.015	<0.015	<0.015				
5/12/2016						<0.015	<0.015	<0.015	<0.015
6/27/2016	0.0008 (J)								
6/28/2016			<0.015	<0.015	0.0012 (J)	<0.015	<0.015	<0.015	<0.015
6/29/2016		0.0021 (J)							
8/17/2016	<0.015		<0.015	<0.015					
8/18/2016					0.0011 (J)	<0.015	<0.015	<0.015	<0.015
8/22/2016		0.00099 (J)							
10/17/2016	<0.015		<0.015	<0.015	<0.015	<0.015	<0.015		
10/18/2016		0.0014 (J)						<0.015	<0.015
12/6/2016	<0.015		<0.015	<0.015	<0.015	<0.015			
12/7/2016		0.001 (J)					<0.015	<0.015	<0.015
2/14/2017	<0.015								
2/15/2017			<0.015	<0.015	<0.015	<0.015	0.003 (J)	<0.015	
2/16/2017		<0.015							<0.015
4/12/2017	<0.015		<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	
4/13/2017		0.001 (J)							<0.015
6/27/2017	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
3/27/2018	<0.015		<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
3/28/2018		<0.015							
10/8/2018					<0.015	<0.015	<0.015		<0.015
10/9/2018	<0.015	<0.015	<0.015						
10/16/2018				<0.015				<0.015	
2/20/2019	<0.015	0.00075 (J)	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
4/1/2019	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	
4/2/2019									<0.015
9/16/2019		0.00067 (J)		<0.015	<0.015				
9/17/2019	<0.015		<0.015			<0.015	<0.015	<0.015	<0.015
2/18/2020	<0.015			<0.015					
2/19/2020		0.00063 (J)	<0.015		<0.015	<0.015	<0.015	<0.015	<0.015
3/25/2020	<0.015	<0.015	<0.015	<0.015					
3/26/2020					<0.015				
3/27/2020						<0.015	0.00081 (J)	<0.015	<0.015
9/14/2020	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015			
9/15/2020							<0.015	<0.015	<0.015
2/9/2021	<0.015	0.00063 (J)	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
3/31/2021		<0.015	<0.015					<0.015	
4/1/2021	<0.015								<0.015
4/6/2021							<0.015		
4/7/2021				<0.015	<0.015	<0.015			
8/18/2021	<0.015								
8/19/2021		<0.015	<0.015	<0.015		<0.015	<0.015	<0.015	<0.015
8/20/2021					<0.015				
2/10/2022	<0.015	<0.015		<0.015	<0.015				<0.015
2/11/2022			<0.015			<0.015		<0.015	
2/14/2022							<0.015		
8/18/2022	0.00073 (J)	<0.015		<0.015	<0.015	<0.015			
8/19/2022			<0.015				<0.015	<0.015	
8/31/2022									<0.015
2/22/2023	<0.015	<0.015	<0.015	<0.015					
2/23/2023					<0.015	<0.015	<0.015	<0.015	<0.015
8/2/2023				<0.015		<0.015			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
8/7/2023		<0.015	<0.015		<0.015			<0.015	
8/8/2023	<0.015						<0.015		<0.015
2/21/2024	<0.015	<0.015							
2/23/2024			<0.015	<0.015	<0.015	<0.015			
2/26/2024								<0.015	<0.015
2/27/2024							<0.015		
8/1/2024	<0.015	<0.015		<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
8/5/2024			<0.015						
2/19/2025	<0.015	<0.015	<0.015		<0.015	<0.015	<0.015		<0.015
2/20/2025				<0.015				<0.015	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	<0.015			<0.015	<0.015	<0.015	<0.015		
5/13/2016		<0.015	<0.015						
6/29/2016	<0.015		<0.015	<0.015	<0.015	<0.015	<0.015		
6/30/2016		<0.015							
8/18/2016	<0.015								
8/19/2016						<0.015	<0.015		
8/22/2016		<0.015	<0.015	<0.015	<0.015				
10/18/2016			<0.015	<0.015	<0.015	<0.015	<0.015		
10/19/2016	<0.015	<0.015							
12/7/2016	<0.015	<0.015			<0.015	<0.015	<0.015		
12/8/2016			<0.015	<0.015					
2/15/2017	<0.015						<0.015		
2/16/2017		<0.015	<0.015	<0.015	<0.015	<0.015			
4/13/2017	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
6/27/2017	<0.015								
6/28/2017		<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
3/27/2018	<0.015						<0.015		
3/28/2018		<0.015	<0.015	<0.015	<0.015	<0.015			
10/8/2018	<0.015				<0.015	<0.015	<0.015		
10/9/2018			<0.015						
10/18/2018		<0.015		<0.015					
1/2/2019		<0.015							
1/10/2019									<0.015
2/19/2019						<0.015	<0.015		
2/20/2019	<0.015	<0.015	<0.015	<0.015	<0.015				
4/2/2019	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
9/17/2019	<0.015	<0.015	<0.015	<0.015	<0.015				
9/18/2019						<0.015	<0.015		
2/13/2020									<0.015
2/18/2020				<0.015	<0.015	<0.015	<0.015		
2/19/2020	<0.015		<0.015						
2/20/2020		<0.015							
3/23/2020			<0.015	<0.015	<0.015				
3/24/2020	<0.015					<0.015	<0.015		
3/26/2020		<0.015							
9/15/2020	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
2/10/2021	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
3/30/2021		<0.015	<0.015	<0.015	<0.015				
3/31/2021						<0.015	<0.015		
4/1/2021	<0.015								
8/18/2021	<0.015	<0.015			<0.015	<0.015	<0.015		
8/19/2021			<0.015	<0.015					
2/8/2022								<0.015	<0.015
2/10/2022		<0.015				<0.015	<0.015		
2/11/2022	<0.015		<0.015	<0.015	<0.015				
8/22/2022			<0.015	<0.015	<0.015	<0.015	<0.015		
8/23/2022		<0.015							<0.015
8/24/2022								<0.015	
8/31/2022	<0.015								
2/22/2023	<0.015	<0.015	<0.015	<0.015					
2/23/2023					<0.015	<0.015	0.00062 (J)	<0.015	<0.015
8/1/2023									<0.015

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
8/2/2023								<0.015	
8/7/2023	<0.015	<0.015	<0.015	<0.015		<0.015			
8/8/2023					<0.015		<0.015		
2/20/2024			<0.015						
2/21/2024						<0.015	<0.015	<0.015	
2/26/2024	<0.015			<0.015					
2/27/2024		<0.015			<0.015				
2/28/2024									<0.015
8/1/2024			<0.015						
8/2/2024				<0.015	<0.015	<0.015	<0.015		
8/5/2024	<0.015	<0.015						<0.015	<0.015
2/19/2025	<0.015							<0.015	<0.015
2/20/2025				<0.015	<0.015	<0.015			
2/21/2025		<0.015	<0.015				<0.015		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
2/19/2020				<0.015				
2/9/2022	<0.015	0.0011 (J)		<0.015	0.0057 (J)	<0.015	<0.015	
2/10/2022			<0.015					0.0017 (J)
8/22/2022					0.0062 (J)			
8/23/2022		0.0013 (J)	0.00079 (J)					
8/24/2022	<0.015			<0.015		<0.015	<0.015	0.00081 (J)
2/23/2023	<0.015			<0.015	0.0066 (J)			
2/24/2023		0.0011 (J)	<0.015			<0.015		0.00069 (J)
2/28/2023							<0.015	
8/1/2023	<0.015		<0.015					
8/2/2023		0.0011 (J)		<0.015	0.0062 (J)	<0.015	<0.015	0.0011 (J)
2/23/2024							<0.015	<0.015
2/26/2024	<0.015							
2/27/2024		0.00099 (J)	<0.015	<0.015	0.0067 (J)	<0.015		
8/1/2024	<0.015						<0.015	
8/2/2024						<0.015		<0.015
8/5/2024			<0.015		0.0079 (J)			
8/6/2024		0.00087 (J)		<0.015				
2/20/2025			<0.015		0.0097 (J)			
2/21/2025	<0.015			<0.015				
2/24/2025		<0.015				<0.015	<0.015	<0.015

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: pH, Field (SU) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	5.51	6.83	5.75		5.84	6.34	6.14		
5/11/2016				6.49				6.39	6.66
6/23/2016	5.5	6.82			5.71	6.33			
6/24/2016			5.78	6.48			6.14		
6/27/2016							6.08	6.3	6.73
8/16/2016	5.42	6.73	5.72		5.64	6.35			
8/17/2016				6.42			6.1	6.28	6.55
10/13/2016	5.52					6.34			
10/14/2016		6.74	5.71		5.59		6.14		
10/17/2016				6.44				6.3	
10/18/2016									6.59
12/5/2016						6.32			
12/6/2016	5.33	6.74	5.68	6.48	5.46		6.19	6.3	6.51
2/14/2017	5.29	6.85	5.57	6.18	5.29	6.33	6.34	6.31	6.3
4/10/2017						6.31			
4/11/2017	5.21	6.75	5.7	6.49	5.54		6.16		
4/12/2017								6.23	6.43
6/26/2017	5.25	6.82	5.68	6.48	5.54	6.35			
6/27/2017							6.08	6.23	6.56
10/10/2017	5.49	6.87				6.37			
10/11/2017			5.63	6.42	5.43		6.16	6.09	6.4
3/26/2018	5.39	6.77	5.89			6.32			
3/27/2018				6.53	5.52		6.12	6.2	6.6
6/5/2018	5.38	6.73			5.59	6.27	6.06		
6/6/2018			5.62	6.7				5.99	6.56
10/5/2018	5.46	6.81	5.76		5.7	6.37			
10/8/2018				6.53	5.59		6.16	6.3	
10/9/2018									6.56
2/18/2019	5.43	6.74		6.28					
2/19/2019			5.69		5.67	6.29	6.03		
2/20/2019								6.34	6.4
3/28/2019			5.88	6.53	5.67		6.15		
3/29/2019	5.22	6.81				6.31			
4/1/2019									6.57
4/2/2019								6.25	
9/12/2019					5.59				
9/13/2019						6.36			
9/16/2019	5.22	6.82	5.8	6.44			6.01	6.26	
9/17/2019									6.41
2/13/2020	5.09	6.59				6.24			
2/17/2020					5.73		6.1		
2/18/2020			5.76	6.38				6.32	6.35
3/17/2020		6.83	5.87		5.62		6.02		
3/18/2020	5.37			6.36		6.4			
3/25/2020								6.31	
3/26/2020									6.52
5/19/2020	5.37	6.8	5.8	6.38	5.61	6.37	6.03		
9/14/2020	5.11	6.73	5.84	6.4	5.82	6.52	5.98	6.29	6.31
2/9/2021	5.25	6.75	5.8	6.38	5.53	6.4	6.06	6.34	6.42
3/30/2021	5.28	6.73				6.27			
3/31/2021			5.72	6.33	5.5				
4/1/2021								6.31	6.44

Time Series

Constituent: pH, Field (SU) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
4/7/2021							6.12		
8/17/2021	5.26	6.84		6.41			6.08		
8/18/2021			5.85		5.51	6.45		6.33	6.61
2/9/2022	5.28	7.01	5.84	6.38	5.56		6.17	6.33	6.77
2/10/2022						6.38			
8/17/2022	5.16	6.79							
8/18/2022			5.64	6.35	5.43	6.32	6.03		6.77
8/19/2022								6.24	
2/21/2023	5.28		5.82		5.6				
2/22/2023		6.85		6.36				6.28	6.51
2/23/2023						6.33	6.04		
8/1/2023	5.3	6.77			5.48			6.21	
8/7/2023			5.84	6.39					
8/8/2023						6.35	6.06		6.48
2/20/2024	5.44	6.99		6.27				6.36	
2/21/2024			5.96		5.63	6.31			6.52
2/27/2024							6.7		
7/31/2024	5.3	6.77	5.83	6.29	5.49	6.27	5.93		6.39
8/1/2024								6.18	
2/19/2025				6.33		6.5	6.18		6.51
2/20/2025	5.44	6.95	5.89		5.48			6.3	

Time Series

Constituent: pH, Field (SU) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	6.35	6.24	5.7	5.84	6.28				
5/12/2016						6.09	5.79	4.76	5.29
6/27/2016	6.41	6.15							
6/28/2016			5.67	5.77	6.26	6.07	5.77	4.69	5.3
6/29/2016		6.18							
8/17/2016	6.45		5.55	5.71					
8/18/2016					6.23	6	5.75	4.73	5.3
8/22/2016		6.15							
10/17/2016	6.43		5.45	5.69	6.27	6.01	5.73		
10/18/2016		6.11						4.62	5.23
12/6/2016	6.48		5.49	5.58	6.28	5.98			
12/7/2016		6.14					5.75	4.63	5.31
2/14/2017	6.39								
2/15/2017			5.29	5.54	6.21	5.74	5.58	4.51	
2/16/2017		5.95							4.77
4/12/2017	6.35		5.39	5.47	6.15	6.01	5.85	4.67	
4/13/2017		6.09							5.28
6/27/2017	6.41	6.09		5.47	6.23	6.05	5.86	4.66	5.22
10/11/2017				5.58	6.26	6.14	5.98		
10/12/2017	6.41	6.16	5.3					4.76	5.43
3/27/2018	6.66		5.58	5.65	6.32	6.25	5.87	4.61	5.28
3/28/2018		6.3							
6/6/2018	6.42	6.12	5.43	5.32	6.1				
6/7/2018						5.93	5.81	4.62	5.26
10/8/2018					6.16	6.02	5.83		5.29
10/9/2018	6.51	6.06	5.29						
10/16/2018				5.34				4.59	
10/17/2018				5.35				4.67	
2/20/2019	6.4		5.43	5.22	6.07	5.97		4.62	5.23
2/21/2019		6.1					5.65		
4/1/2019	6.41	6.11	5.46	5.24	6.14	6.06	5.89	4.72	
4/2/2019									5.27
9/16/2019		6.11		5.3	6.18				
9/17/2019	6.5		5.31			5.98	5.78	4.65	5.26
2/18/2020	6.39			5.09					
2/19/2020		6.03	5.07		6.07	5.94	5.75	4.58	5.16
3/25/2020	6.35	6.01	5.26	5.16					
3/26/2020					6.1				
3/27/2020						5.89	5.74	4.51	5.17
9/14/2020	6.56	6.33	5.51	5.14	6.11	6			
9/15/2020							6.01	4.87	5.56
2/9/2021	6.35	6.21	5.23	5.24	6.13	5.98	5.85	4.63	5.22
3/31/2021		6.2	5.3					4.77	
4/1/2021	6.32								5.24
4/6/2021							5.84		
4/7/2021				5.18	6.44	6.07			
8/18/2021	6.48								
8/19/2021		6.22	5.21	5.23		5.99	5.86	4.63	5.28
8/20/2021					6.13				
2/10/2022	6.47	6.25		5.11	6.19				5.21
2/11/2022			5.13			6.02		4.59	
2/14/2022							5.77		

Time Series

Constituent: pH, Field (SU) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
8/18/2022	6.8	6.52		5.06	6.12	5.78			
8/19/2022			5.22				5.62	4.61	
8/31/2022									5.1
10/25/2022									5.23
11/16/2022									5.17
2/22/2023	6.51	6.14	5.23	5.1					
2/23/2023					6.04	5.94	5.72	4.59	5.13
8/2/2023				5.09		5.92			
8/7/2023		6.29	5.2		5.83			4.55	
8/8/2023	6.66						5.73		5.15
2/21/2024	6.67	6.17							
2/23/2024			5.18	5.07	6.11	6.03			
2/26/2024								4.6	5.13
2/27/2024							5.84		
8/1/2024	6.57	6.18		5.03	5.97	5.84	5.56	4.68	4.91
8/5/2024			5.17						
2/19/2025	6.65	6.21	5.32		6.22	6.06	5.79		5.1
2/20/2025				5.38				4.55	

Time Series

Constituent: pH, Field (SU) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	6.21			4.36	5.95	5.68	6.18		
5/13/2016		4.7	5.55						
6/29/2016	6.21		5.5	4.3	5.96	5.68	5.88		
6/30/2016		4.69							
8/18/2016	6.24								
8/19/2016						5.65	5.84		
8/22/2016		4.68	5.5	4.37	5.96				
10/18/2016	6.18		5.46	4.26	5.9	5.71	5.89		
10/19/2016	6.2	4.65							
12/7/2016	6.19	4.69			6.03	5.71	5.87		
12/8/2016			5.39	4.28					
2/15/2017	6.25						6.04		
2/16/2017		4.77	5.32	4.29	6.03	5.7			
4/13/2017	6.21	4.79	5.47	4.24	5.93	5.7	5.85		
6/27/2017	6.27								
6/28/2017		4.78	5.5	4.28	6	5.66	5.9		
10/12/2017	6.33	4.86	5.57	4.32	6.09	5.73	6.07		
3/27/2018	6.26						5.99		
3/28/2018		4.74	5.74	4.25	6.08	5.89			
6/7/2018	6.21			4.26	6.1	5.66	5.97		
6/8/2018		4.69	5.52						
10/8/2018	6.17				6.14	5.74	5.94		
10/9/2018			5.51						
10/18/2018		4.7		4.3					
2/19/2019						5.69	5.9		
2/20/2019	6.26	4.76	5.58	4.26					
2/21/2019					6.08				
4/2/2019	6.26	4.72	5.5	4.33	6.09	5.65	5.87		
9/17/2019	6.23	4.77	5.55	4.37	6.27				
9/18/2019						5.66	5.97		
2/13/2020									5.29
2/18/2020				4.3	6.06	5.59	5.95		5.54
2/19/2020	6.16		5.53						
2/20/2020		4.64							
3/23/2020			5.51	4.19	6.12				
3/24/2020	6.21					5.62	6		
3/26/2020		4.74							
9/15/2020	6.42	4.94	5.51	4.3	6.1	5.65	5.89		
9/18/2020								5.29	
2/10/2021	6.23	4.8	5.55	4.22	6.21	5.58	5.85		
3/30/2021		4.82	5.57	4.32	6.17				
3/31/2021						5.73	5.93		
4/1/2021	6.25								
4/2/2021								5.03	5.38
8/18/2021	6.26	4.83			6.26	5.76	6.01		5.4
8/19/2021			5.61	4.28					
8/20/2021								5.03	
2/8/2022								4.92	5.42
2/10/2022		4.86				5.78	6.13		
2/11/2022	6.39		5.65	4.25	6.31				
8/22/2022			5.54	4.3	6.17	5.62	5.91		
8/23/2022		4.8							5.39

Time Series

Constituent: pH, Field (SU) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
8/24/2022								5.09	
8/31/2022	6.26								
10/25/2022	6.27								
10/31/2022		4.89	5.53	4.32	6.29	5.72	6		5.46
11/16/2022	6.23								
2/22/2023	6.23	5	5.53	4.38					
2/23/2023					6.19	5.72	6	5.14	5.4
8/1/2023									5.3
8/2/2023								5.17	
8/7/2023	6.25	4.83	5.45	4.29		5.7			
8/8/2023					6.29		5.92		
2/20/2024			5.61						
2/21/2024						5.71	6.02	5.14	
2/26/2024	6.28			4.15					
2/27/2024		4.62			6.29				
2/28/2024									5.4
8/1/2024			5.26						
8/2/2024				4.26	6.2	5.69	5.96		
8/5/2024	6.12	4.85						4.96	5.36
2/19/2025	6.28							5.23	5.45
2/20/2025				4.17	6.44	5.7			
2/21/2025		4.78	5.59				5.93		

Time Series

Constituent: pH, Field (SU) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							7.05	
10/17/2018		7.29					7.03	
10/18/2018	6.68		6.57	6.07	6.33	6.52		
2/13/2020				5.89				
2/19/2020				5.86				
3/2/2020							6.53	
3/31/2021							6.61	
4/2/2021		6.62						
4/5/2021				5.96				
4/7/2021						6.28	7.04	
8/18/2021						6.35	6.5	
8/19/2021		6.68		5.91				
2/9/2022	6.71	6.55		5.95	6.25	6.66	6.57	
2/10/2022			6.11					6.61
8/22/2022					6.27			
8/23/2022		6.75	6.14					
8/24/2022	6.74			5.87		9.96	6.61	6.86
10/31/2022		6.69	6.96		6.48			
2/23/2023	6.73			5.91	6.36			
2/24/2023		6.67	6.16			6.97		6.54
2/28/2023							6.54	
8/1/2023	6.78		6.12					
8/2/2023		6.64		5.89	6.38	6.87	6.57	6.41
2/23/2024							6.65	6.47
2/26/2024	6.9							
2/27/2024		6.54	6.22	6.02	6.47	7.15		
5/6/2024	6.65							
8/1/2024	6.67						6.64	
8/2/2024						6.75		6.42
8/5/2024			6.3		6.22			
8/6/2024		6.59		5.88				
2/20/2025			6.39		7.33			
2/21/2025	7			5.93				
2/24/2025		6.61				7.43	6.77	6.57

Time Series

Constituent: Selenium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005		
5/11/2016				<0.005				<0.005	<0.005
6/23/2016	<0.005	<0.005			<0.005	<0.005			
6/24/2016			<0.005	<0.005					
6/27/2016							<0.005	<0.005	<0.005
8/16/2016	<0.005	<0.005	<0.005		<0.005	<0.005			
8/17/2016				<0.005			<0.005	<0.005	<0.005
10/13/2016	<0.005					<0.005			
10/14/2016		<0.005	<0.005		<0.005		<0.005		
10/17/2016				<0.005				<0.005	
10/18/2016									<0.005
12/5/2016						<0.005			
12/6/2016	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
2/14/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/10/2017						<0.005			
4/11/2017	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
4/12/2017								0.00034 (J)	<0.005
6/26/2017	<0.005	<0.005	0.00029 (J)	0.00041 (J)	<0.005	<0.005			
6/27/2017							<0.005	0.00057 (J)	<0.005
3/26/2018	<0.005	<0.005	<0.005			<0.005			
3/27/2018				<0.005	<0.005		<0.005	<0.005	<0.005
6/5/2018	0.00065 (J)	0.00098 (J)			0.00039 (J)	0.00041 (J)	0.00029 (J)		
6/6/2018			<0.005	<0.005				0.00032 (J)	<0.005
10/5/2018	0.00031 (J)	0.00028 (J)	0.00024 (J)			<0.005			
10/8/2018				0.00041 (J)	<0.005		<0.005	<0.005	
10/9/2018									0.00034 (J)
2/18/2019	<0.005	0.00017 (J)		<0.005					
2/19/2019			0.00012 (J)		<0.005	<0.005	<0.005		
2/20/2019								<0.005	<0.005
3/28/2019			<0.005	<0.005	<0.005		<0.005		
3/29/2019	<0.005	<0.005				<0.005			
4/1/2019									<0.005
4/2/2019								<0.005	
9/12/2019					<0.005				
9/13/2019						<0.005			
9/16/2019	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	
9/17/2019									<0.005
2/13/2020	<0.005	<0.005				<0.005			
2/17/2020					<0.005		<0.005		
2/18/2020			<0.005	<0.005				<0.005	<0.005
3/17/2020		<0.005	<0.005		<0.005		<0.005		
3/18/2020	<0.005			<0.005		<0.005			
3/25/2020								<0.005	
3/26/2020									<0.005
9/14/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/30/2021	<0.005	<0.005				<0.005			
3/31/2021			<0.005	<0.005	<0.005				
4/1/2021								<0.005	<0.005
4/7/2021							<0.005		
8/17/2021	<0.005	<0.005		<0.005			<0.005		
8/18/2021			<0.005		<0.005	<0.005		<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
2/10/2022						<0.005			
8/17/2022	<0.005	<0.005							
8/18/2022			<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
8/19/2022								<0.005	
2/21/2023	<0.005		<0.005		<0.005				
2/22/2023		<0.005		<0.005				<0.005	<0.005
2/23/2023						<0.005	<0.005		
8/1/2023	<0.005	<0.005			<0.005			<0.005	
8/7/2023			<0.005	<0.005					
8/8/2023						<0.005	<0.005		<0.005
2/20/2024	<0.005	<0.005		<0.005				<0.005	
2/21/2024			<0.005		<0.005	<0.005			<0.005
2/27/2024							<0.005		
7/31/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
8/1/2024								<0.005	
2/19/2025				<0.005		<0.005	<0.005		<0.005
2/20/2025	<0.005	<0.005	<0.005		<0.005			<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
5/12/2016						<0.005	<0.005	0.00965 (J)	<0.005
6/27/2016	<0.005								
6/28/2016			<0.005	<0.005	<0.005	<0.005	<0.005	0.0101	<0.005
6/29/2016		<0.005							
8/17/2016	<0.005		<0.005	<0.005					
8/18/2016					0.00031 (J)	<0.005	<0.005	0.0014	0.00053 (J)
8/22/2016		<0.005							
10/17/2016	<0.005		<0.005	<0.005	<0.005	0.0003 (J)	<0.005		
10/18/2016		<0.005						0.0013	<0.005
12/6/2016	<0.005		<0.005	<0.005	<0.005	<0.005			
12/7/2016		<0.005					<0.005	0.0007 (J)	<0.005
2/14/2017	<0.005								
2/15/2017			<0.005	<0.005	<0.005	<0.005	0.00066 (J)	0.00075 (J)	
2/16/2017		<0.005							<0.005
4/12/2017	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
4/13/2017		<0.005							<0.005
6/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0013	0.001 (J)
3/27/2018	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/28/2018		<0.005							
6/6/2018	<0.005	<0.005	<0.005	<0.005	<0.005				
6/7/2018						0.00064 (J)	0.00084 (J)	0.0014	0.0013
10/8/2018					<0.005	<0.005	<0.005		0.0014
10/9/2018	<0.005	<0.005	<0.005						
10/16/2018				0.00046 (J)				0.0021	
2/20/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0034	0.0012 (J)
4/1/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
4/2/2019									0.0021
9/16/2019		<0.005		<0.005	<0.005				
9/17/2019	<0.005		<0.005			<0.005	<0.005	<0.005	<0.005
2/18/2020	<0.005			<0.005					
2/19/2020		<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
3/25/2020	<0.005	<0.005	<0.005	<0.005					
3/26/2020					<0.005				
3/27/2020						<0.005	<0.005	<0.005	<0.005
9/14/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
9/15/2020							<0.005	<0.005	<0.005
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2021		<0.005	<0.005					<0.005	
4/1/2021	<0.005								<0.005
4/6/2021							<0.005		
4/7/2021				<0.005	<0.005	<0.005			
8/18/2021	<0.005								
8/19/2021		<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
8/20/2021					<0.005				
2/10/2022	<0.005	<0.005		<0.005	<0.005				0.00092 (J)
2/11/2022			<0.005			<0.005		<0.005	
2/14/2022							<0.005		
8/18/2022	<0.005	<0.005		<0.005	<0.005	<0.005			
8/19/2022			<0.005				<0.005	<0.005	
8/31/2022									0.001 (J)
2/22/2023	<0.005	<0.005	<0.005	<0.005					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/23/2023					<0.005	<0.005	<0.005	<0.005	0.00093 (J)
8/2/2023				<0.005		<0.005			
8/7/2023		<0.005	<0.005		<0.005			<0.005	
8/8/2023	<0.005						<0.005		<0.005
2/21/2024	<0.005	<0.005							
2/23/2024			<0.005	<0.005	<0.005	<0.005			
2/26/2024								0.0084	<0.005
2/27/2024							<0.005		
8/1/2024	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	0.0048 (J)	<0.005
8/5/2024			<0.005						
2/19/2025	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005		<0.005
2/20/2025				<0.005				0.0035 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	<0.005			0.00396 (J)	<0.005	<0.005	<0.005		
5/13/2016		0.023	<0.005						
6/29/2016	<0.005		<0.005	0.0053 (J)	<0.005	<0.005	<0.005		
6/30/2016		0.0263							
8/18/2016	<0.005								
8/19/2016						<0.005	<0.005		
8/22/2016		0.0066	<0.005	0.0012 (J)	<0.005				
10/18/2016			<0.005	<0.005	<0.005	<0.005	<0.005		
10/19/2016	<0.005	0.0057							
12/7/2016	<0.005	0.006			<0.005	<0.005	<0.005		
12/8/2016			<0.005	<0.005					
2/15/2017	<0.005						<0.005		
2/16/2017		0.0055	<0.005	<0.005	<0.005	<0.005			
4/13/2017	<0.005	0.0049	<0.005	<0.005	<0.005	<0.005	<0.005		
6/27/2017	0.00024 (J)								
6/28/2017		0.0047	0.00096 (J)	0.00064 (J)	<0.005	<0.005	0.00033 (J)		
3/27/2018	<0.005						<0.005		
3/28/2018		0.0085	<0.005	<0.005	<0.005	<0.005			
6/7/2018	0.00064 (J)			0.00066 (J)	<0.005	<0.005	<0.005		
6/8/2018		0.014	0.00063 (J)						
10/8/2018	0.00028 (J)				<0.005	<0.005	0.00026 (J)		
10/9/2018			0.0005 (J)						
10/18/2018		0.017		0.00049 (J)					
1/2/2019		0.0034							
1/10/2019									<0.005
2/19/2019						<0.005	0.00021 (J)		
2/20/2019	<0.005	0.027	<0.005	0.0011 (J)	<0.005				
4/2/2019	<0.005	0.0075	<0.005	<0.005	<0.005	<0.005	<0.005		
9/17/2019	<0.005	0.0036	<0.005	<0.005	<0.005				
9/18/2019						<0.005	<0.005		
2/13/2020									<0.005
2/18/2020				<0.005	<0.005	<0.005	<0.005		
2/19/2020	<0.005		<0.005						
2/20/2020		0.0024 (J)							
3/23/2020			<0.005	<0.005	<0.005				
3/24/2020	<0.005					<0.005	<0.005		
3/26/2020		0.0019 (J)							
9/15/2020	<0.005	0.003 (J)	<0.005	<0.005	<0.005	<0.005	<0.005		
2/10/2021	<0.005	0.0016 (J)	<0.005	<0.005	<0.005	<0.005	<0.005		
3/30/2021		<0.005	<0.005	<0.005	<0.005				
3/31/2021						<0.005	<0.005		
4/1/2021	<0.005								
8/18/2021	<0.005	0.002 (J)			<0.005	<0.005	<0.005		
8/19/2021			<0.005	<0.005					
2/8/2022								<0.005	<0.005
2/10/2022		0.0021 (J)				<0.005	<0.005		
2/11/2022	<0.005		<0.005	<0.005	<0.005				
8/22/2022			0.00099 (J)	<0.005	<0.005	<0.005	<0.005		
8/23/2022		0.00085 (J)							<0.005
8/24/2022								<0.005	
8/31/2022	<0.005								
2/22/2023	<0.005	<0.005	<0.005	<0.005					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/23/2023					<0.005	<0.005	0.00075 (J)	<0.005	<0.005
8/1/2023									<0.005
8/2/2023								<0.005	
8/7/2023	<0.005	<0.005	<0.005	<0.005		<0.005			
8/8/2023					<0.005		<0.005		
2/20/2024			<0.005						
2/21/2024						<0.005	<0.005	<0.005	
2/26/2024	<0.005			0.0041 (J)					
2/27/2024		0.0053			<0.005				
2/28/2024									<0.005
8/1/2024			<0.005						
8/2/2024				0.002 (J)	<0.005	<0.005	<0.005		
8/5/2024	<0.005	0.0064						<0.005	<0.005
2/19/2025	<0.005							<0.005	<0.005
2/20/2025				<0.005	<0.005	<0.005			
2/21/2025		0.0031 (J)	<0.005				<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							0.00046 (J)	
10/17/2018		<0.005						
10/18/2018	0.00047 (J)		0.00059 (J)	0.0045	0.00026 (J)	<0.005		
2/19/2020				0.0053				
2/9/2022	<0.005	0.0022 (J)		0.0061	<0.005	<0.005	<0.005	
2/10/2022			<0.005					<0.005
8/22/2022					<0.005			
8/23/2022		0.0014 (J)	<0.005					
8/24/2022	<0.005			0.0062		<0.005	<0.005	<0.005
2/23/2023	<0.005			0.0071	<0.005			
2/24/2023		0.0019 (J)	<0.005			<0.005		<0.005
2/28/2023							<0.005	
8/1/2023	<0.005		<0.005					
8/2/2023		0.0014 (J)		0.0069	<0.005	<0.005	<0.005	<0.005
2/23/2024							<0.005	<0.005
2/26/2024	<0.005							
2/27/2024		<0.005	<0.005	0.0073	<0.005	<0.005		
8/1/2024	<0.005						<0.005	
8/2/2024						<0.005		<0.005
8/5/2024			<0.005		<0.005			
8/6/2024		0.001 (J)		0.0065				
2/20/2025			<0.005		<0.005			
2/21/2025	<0.005			0.0051				
2/24/2025		0.0015 (J)				<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	0.6766 (J)	0.4053 (J)	2.82		0.4716 (J)	<1	0.686 (J)		
5/11/2016				3.75				0.866 (J)	21.6
6/23/2016	0.94 (J)	0.55 (J)			0.46 (J)	0.3 (J)			
6/24/2016			2.3	3					
6/27/2016							0.61 (J)	0.86 (J)	17
8/16/2016	1.2	<1	1.5		<1	<1			
8/17/2016				1.8			<1	<1	19
10/13/2016	2.9					<1			
10/14/2016		<1	1.2		<1		<1		
10/17/2016				1.4				<1	
10/18/2016									17
12/5/2016						<1			
12/6/2016	3.2	<1	1.3	1.4	<1		<1	<1	18
2/14/2017	0.76 (J)	<1	1.9	1.1	<1	<1	<1	1	21
4/10/2017						<1			
4/11/2017	<1	<1	1.3	1	<1		<1		
4/12/2017								<1	18
6/26/2017	0.74 (J)	<1	1.5	0.99 (J)	<1	<1			
6/27/2017							<1	<1	19
10/10/2017	0.76 (J)	<1				<1			
10/11/2017			0.98 (J)	0.93 (J)	<1		<1	<1	15
6/5/2018	<1	<1			<1	<1	<1		
6/6/2018			1.8	0.89 (J)				<1	14
12/13/2018	<1	<1	1.4	0.76 (J)	<1	<1	<1		
12/14/2018								<1	10
3/28/2019			1.9	1.2	<1		<1		
3/29/2019	<1	0.65 (J)				<1			
4/1/2019									16
4/2/2019								1.3	
9/12/2019					<1				
9/13/2019						<1			
9/16/2019	0.98 (J)	0.68 (J)	0.92 (J)	1.1			<1	0.53 (J)	
9/17/2019									8.7
3/17/2020		0.78 (J)	1.6		0.55 (J)		0.61 (J)		
3/18/2020	1.2			1.3		0.45 (J)			
3/25/2020								0.58 (J)	
3/26/2020									15
9/14/2020	0.58 (J)	<1	0.82 (J)	0.96 (J)	<1	<1	<1	0.46 (J)	17
3/30/2021	1.2	<1				<1			
3/31/2021			1.1	1.1	<1				
4/1/2021								<1	18
4/7/2021							<1		
8/17/2021	<1	<1		1.1			<1		
8/18/2021			0.9 (J)		<1	1		<1	12
2/9/2022	1	1.2	1.3	1.1	<1		<1	0.88 (J)	7.1
2/10/2022						<1			
8/17/2022	0.94 (J)	0.87 (J)							
8/18/2022			<1	<1	<1	<1	<1		5.3
8/19/2022								<1	
2/21/2023	1.3		1.6		1.2				
2/22/2023		1.4		1.4				1.4	6.7
2/23/2023						1.6	1.3		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/1/2023	0.48 (J)	0.48 (J)			<1			0.4 (J)	
8/7/2023			0.64 (J)	0.53 (J)					
8/8/2023						<1	<1		4.5
2/20/2024	0.88 (J)	0.9 (J)		<1				1.5	
2/21/2024			0.69 (J)		<1	<1			5.2
2/27/2024							0.55 (J)		
7/31/2024	0.52 (J)	0.45 (J)	0.67 (J)	0.46 (J)	<1	<1	<1		4.8
8/1/2024								<1	
2/19/2025				0.51 (J)		<1	<1		4.8
2/20/2025	0.5 (J)	<1	0.59 (J)		<1			<1	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	61.6	313	7.43	6.31	30.1				
5/12/2016						89.7	194	194	9.9
6/27/2016	64								
6/28/2016			6.3	3.7	25	76	200	200	11
6/29/2016		280							
8/17/2016	63		11	2.4					
8/18/2016					24	78	180	190	14
8/22/2016		300							
10/17/2016	64		4.4	2.1	23	73	190		
10/18/2016		280						190	15
12/6/2016	72		11	1.9	28	76			
12/7/2016		280					200	200	17
2/14/2017	73								
2/15/2017			1.3	1.2	33	73	190	190	
2/16/2017		300							17
4/12/2017	64		2.8	1	30	70	170	170	
4/13/2017		280							15
6/27/2017	77	340	8.2	1.2	33	78	200	200	19
10/11/2017				0.82 (J)	33	72	190		
10/12/2017	74	310	1.3					190	20
6/6/2018	74	320	2.9	0.89 (J)	41				
6/7/2018						69	190	190	25
10/16/2018				1.3				200	
12/14/2018	72				43	74	190		
12/17/2018		330	16						28
4/1/2019	67	310	21	0.81 (J)	48	82	180	190	
4/2/2019									31
9/16/2019		310		0.72 (J)	44				
9/17/2019	77		2.3			79	200	220	33
3/25/2020	62	300	14	0.58 (J)					
3/26/2020					44				
3/27/2020						81	180	190	35
9/14/2020	81	220	2.2	0.59 (J)	41	89			
9/15/2020							180	190	36
3/31/2021		240	15					200	
4/1/2021	74								37
4/6/2021							190		
4/7/2021				1.3	54	96			
8/18/2021	78								
8/19/2021		160	2.2	<1		82	190	200	38
8/20/2021					60				
2/10/2022	80	190		<1	41				45
2/11/2022			2.1			94		200	
2/14/2022							220		
8/18/2022	78	200		<1	50	95			
8/19/2022			4.5				200	180	
8/31/2022									49
2/22/2023	52	200	18	3.1					
2/23/2023					57	96	210	190	55
8/2/2023				4.8		100			
8/7/2023		200	7.1		54			190	
8/8/2023	41						210		59

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/21/2024	44	200							
2/23/2024			9.1	8	61	110			
2/26/2024								210	69
2/27/2024							240		
8/1/2024	29	160		13	59	120	200	240	73
8/5/2024			23						
2/19/2025	37	120	36		83	170	230		84
2/20/2025				31				210	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	125			255	76.9	85.3	131		
5/13/2016		484	212						
6/29/2016	120		220	270	78	84	120		
6/30/2016		490							
8/18/2016	130								
8/19/2016						81	120		
8/22/2016		500	220	270	78				
10/18/2016			210	240	70	83	130		
10/19/2016	140	520							
12/7/2016	160	510			80	85	140		
12/8/2016			220	240					
2/15/2017	160						120		
2/16/2017		450	210	230	77	83			
4/13/2017	140	380	190	220	70	79	100		
6/27/2017	160								
6/28/2017		390	220	240	82	90	120		
10/12/2017	170	430	210	210	76	87	120		
6/7/2018	170			210	79	94	100		
6/8/2018		870	220						
10/18/2018		1200		210					
12/14/2018	180								
12/17/2018			270		88	99	96		
1/2/2019		1100							
1/10/2019									<1
4/2/2019	180	1100	240	220	92	100	95		
9/17/2019	200	1100	260	220	99				
9/18/2019						100	95		
2/13/2020									0.7 (J)
3/23/2020			250	220	120				
3/24/2020	190					100	71		
3/26/2020		1000							
9/15/2020	190	860	250	200	130	110	72		
3/30/2021		960	270	220	140				
3/31/2021						120	75		
4/1/2021	210								
8/18/2021	200	940			130	110	66		
8/19/2021			280	230					
2/8/2022								<1	<1
2/10/2022		890				100	73		
2/11/2022	190		260	230	120				
8/22/2022			260	220	130	110	61		
8/23/2022		910							<1
8/24/2022								<1	
8/31/2022	220								
2/22/2023	230	790	260	230					
2/23/2023					120	120	64	1.6	1.1
8/1/2023									<1
8/2/2023								0.5 (J)	
8/7/2023	240	760	260	240		110			
8/8/2023					110		55		
2/20/2024			310						
2/21/2024						110	64	1.6	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/26/2024	270			280					
2/27/2024		870			130				
2/28/2024									<1
8/1/2024			26						
8/2/2024				260	100	93	45		
8/5/2024	290	870						27	<1
2/19/2025	340							0.43 (J)	<1
2/20/2025				280	120	88			
2/21/2025		850	270				52		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							6	
10/17/2018		4						
10/18/2018	92		570	550	250	140		
2/19/2020				520				
2/9/2022	100	38		<1	240	150	0.76 (J)	
2/10/2022			720					110
8/22/2022					240			
8/23/2022		36	640					
8/24/2022	100			540		170	0.78 (J)	100
2/23/2023	120			660	260			
2/24/2023		45	700			160		100
2/28/2023							1.7	
8/1/2023	100		720					
8/2/2023		36		630	240	150	0.53 (J)	94
2/23/2024							0.55 (J)	110
2/26/2024	110							
2/27/2024		40	820	760	270	180		
8/1/2024	99						0.43 (J)	
8/2/2024						150		93
8/5/2024			630		140			
8/6/2024		33		750				
2/20/2025			460		190			
2/21/2025	92			890				
2/24/2025		40				150	<1	110

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	44	96	59		64	110	100		
5/11/2016				91				104	222
6/23/2016	38	91			58	118			
6/24/2016			39	78					
6/27/2016							117	112	275
8/16/2016	22	100	38		52	110			
8/17/2016				100			86	86	220
10/13/2016	66					120			
10/14/2016		100	34		58		80		
10/17/2016				58				60	
10/18/2016									210
12/5/2016						110			
12/6/2016	54	110	70	98	72		110	90	250
2/14/2017	18	76	32	78	52	86	98	54	210
4/10/2017						120			
4/11/2017	50	120	64	110	78		110		
4/12/2017								64	200
6/26/2017	60	110	64	110	80	130			
6/27/2017							18	40	180
10/10/2017	36	100				110			
10/11/2017			42	120	64		94	82	210
6/5/2018	8	74			50	76	80		
6/6/2018			46	120				100	210
12/13/2018	16	110	4 (J)	94	58	100	4 (J)		
12/14/2018								44	170
3/28/2019			43	110	58		79		
3/29/2019	<10	72				110			
4/1/2019									200
4/2/2019								91	
9/12/2019					22				
9/13/2019						200			
9/16/2019	17	91	19	57			42	76	
9/17/2019									140
3/17/2020		100	52		30		98		
3/18/2020	25			140		110			
3/25/2020								94	
3/26/2020									180
9/14/2020	20	93	55	110	36	95	71	99	200
3/30/2021	32	110				110			
3/31/2021			57	120	35				
4/1/2021								83	200
4/7/2021							95		
8/17/2021	27	110		130			97		
8/18/2021			66		53	120		140	210
2/9/2022	45	100	54	110	60		93	130	170
2/10/2022						130			
8/17/2022	82	130							
8/18/2022			64	140	94	170	88		200
8/19/2022								150	
2/21/2023	41		55		65				
2/22/2023		100		120				120	170
2/23/2023						130	90		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/1/2023	61	110			80			100	
8/7/2023			59	130					
8/8/2023						130	91		170
2/20/2024	45	100		130				120	
2/21/2024			54		78	140			160
2/27/2024							96		
7/31/2024	47	110	59	130	80	130	90		170
8/1/2024								130	
2/19/2025				120		130	92		160
2/20/2025	48	100	51		74			130	

Time Series

Constituent: TDS (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	330	527	68	80	195				
5/12/2016						190	309	298	46
6/27/2016	423								
6/28/2016			41	134	200	198	333	337	60
6/29/2016		562							
8/17/2016	410		70	42					
8/18/2016					200	180	320	310	48
8/22/2016		500							
10/17/2016	370		6	24	160	140	320		
10/18/2016		490						320	60
12/6/2016	420		40	70	220	110			
12/7/2016		510					340	270	64
2/14/2017	370								
2/15/2017			18	34	200	160	340	310	
2/16/2017		520							40
4/12/2017	370		18	36	180	140	300	280	
4/13/2017		590							76
6/27/2017	380	550	50	8	200	170	320	290	50
10/11/2017				56	190	170	340		
10/12/2017	400	560	46					330	68
6/6/2018	410	590	38	40	260				
6/7/2018						190	340	310	74
10/16/2018				100				350	
12/14/2018	390				190	140	280		
12/17/2018		510	38						42
4/1/2019	370	580	82	33	200	190	330	330	
4/2/2019									73
9/16/2019		550		<10	200				
9/17/2019	380		17			170	310	320	59
3/25/2020	360	540	59	38					
3/26/2020					200				
3/27/2020						200	330	330	99
9/14/2020	360	470	45	39	190	190			
9/15/2020							360	340	90
3/31/2021		430	64					300	
4/1/2021	360								88
4/6/2021							320		
4/7/2021				40	210	200			
8/18/2021	410								
8/19/2021		380	54	36		210	370	320	100
8/20/2021					220				
2/10/2022	400	410		39	210				100
2/11/2022			44			200		310	
2/14/2022							360		
8/18/2022	420	470		54	230	240			
8/19/2022			63				370	320	
11/16/2022									110
2/22/2023	350	430	56	41					
2/23/2023					220	230	390	300	130
8/2/2023				52		220			
8/7/2023		430	60		210			360	
8/8/2023	360						360		130

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/21/2024	320	380							
2/23/2024			52	55	170	220			
2/26/2024								320	140
2/27/2024							330		
8/1/2024	300	360		69	220	240	340	320	150
8/5/2024			86						
2/19/2025	330	310	93		220	280	350		150
2/20/2025				90				320	

Time Series

Constituent: TDS (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	261			386	260	212	288		
5/13/2016		728	366						
6/29/2016	323		370	436	311	214	272		
6/30/2016		742							
8/18/2016	310								
8/19/2016						230	290		
8/22/2016		670	350	290	390				
10/18/2016			340	200	300	190	270		
10/19/2016	330 (D)	700							
12/7/2016	370	720			310	230	300		
12/8/2016			350	370					
2/15/2017	350						260		
2/16/2017		600	340	350	310	200			
4/13/2017	390	640	350	380	300	220	300		
6/27/2017	350								
6/28/2017		540	340	320	290	190	250		
10/12/2017	380	640	370	350	290	230	280		
6/7/2018	360			320	260	210	220		
6/8/2018		820	320						
10/18/2018		1200		370					
12/14/2018	390								
12/17/2018			250		310	260	30		
1/2/2019		1600							
1/10/2019									41
4/2/2019	400	1700	420	370	300	240	250		
9/17/2019	380	1600	400	320	290				
9/18/2019						470	490		
2/13/2020									45
3/23/2020			390	330	330				
3/24/2020	430					250	210		
3/26/2020		1600							
9/15/2020	440	1500	450	350	390	250	210		
3/30/2021		1500	420	350	380				
3/31/2021						240	220		
4/1/2021	410								
8/18/2021	450	1400			380	260	210		
8/19/2021			440	340					
2/8/2022								37	48
2/10/2022		1400				250	230		
2/11/2022	440		440	350	350				
8/22/2022			450	370	380	3400	220		
8/23/2022		1300							65
8/24/2022								86	
11/16/2022	430								
2/22/2023	470	1200	440	350					
2/23/2023					350	260	210	51	59
8/1/2023									77
8/2/2023								55	
8/7/2023	470	1200	420	350		300			
8/8/2023					360		210		
2/20/2024			420						
2/21/2024						1000	230	53	

Time Series

Constituent: TDS (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/26/2024	490			380					
2/27/2024		1200			360				
2/28/2024									46
8/1/2024			410						
8/2/2024				360	380	220	190		
8/5/2024	520	1200						51	46
2/19/2025	520							53	52
2/20/2025				390	380	210			
2/21/2025		1100	420				190		

Time Series

Constituent: TDS (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							180	
10/17/2018		140						
10/18/2018	260		840	670	440	230		
2/19/2020				860				
2/9/2022	240	150		820	470	310	120	
2/10/2022			1200					320
8/22/2022					500			
8/23/2022		170	100					
8/24/2022	280			920		350	200	290
2/23/2023	260			950	490			
2/24/2023		160	1100			330		290
2/28/2023							120	
8/1/2023	270		1200					
8/2/2023		160		960	500	340	140	280
2/23/2024							130	280
2/26/2024	230							
2/27/2024		150	1100	1000	470	310		
8/1/2024	260						140	
8/2/2024						330		290
8/5/2024			1000		470			
8/6/2024		160		1100				
2/20/2025			980		430			
2/21/2025	240			1100				
2/24/2025		150				290	170	280

Time Series

Constituent: Thallium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		
5/11/2016				<0.001				<0.001	<0.001
6/23/2016	8E-05 (J)	<0.001			<0.001	<0.001			
6/24/2016			0.0001 (J)	<0.001					
6/27/2016							<0.001	<0.001	<0.001
8/16/2016	9.5E-05 (J)	<0.001	<0.001		<0.001	<0.001			
8/17/2016				<0.001			<0.001	<0.001	<0.001
10/13/2016	<0.001					<0.001			
10/14/2016		<0.001	<0.001		<0.001		<0.001		
10/17/2016				<0.001				<0.001	
10/18/2016									<0.001
12/5/2016						<0.001			
12/6/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/14/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017						<0.001			
4/11/2017	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		
4/12/2017								<0.001	<0.001
6/26/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
6/27/2017							<0.001	<0.001	<0.001
3/26/2018	<0.001	<0.001	<0.001			<0.001			
3/27/2018				<0.001	<0.001		<0.001	<0.001	<0.001
6/5/2018	<0.001	<0.001			<0.001	<0.001	<0.001		
6/6/2018			<0.001	<0.001				<0.001	<0.001
10/5/2018	<0.001	<0.001	<0.001			<0.001			
10/8/2018				<0.001	<0.001		<0.001	<0.001	
10/9/2018									<0.001
2/18/2019	<0.001	<0.001		<0.001					
2/19/2019			<0.001		<0.001	<0.001	<0.001		
2/20/2019								<0.001	<0.001
3/28/2019			<0.001	<0.001	<0.001		<0.001		
3/29/2019	<0.001	<0.001				<0.001			
4/1/2019									<0.001
4/2/2019								<0.001	
9/12/2019					<0.001				
9/13/2019						<0.001			
9/16/2019	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	
9/17/2019									<0.001
2/13/2020	<0.001	<0.001				<0.001			
2/17/2020					<0.001		<0.001		
2/18/2020			0.00033 (J)	0.00049 (J)				0.00028 (J)	0.00022 (J)
3/17/2020		<0.001	<0.001		<0.001		<0.001		
3/18/2020	0.00049 (J)			0.00021 (J)		<0.001			
3/25/2020								0.00049 (J)	
3/26/2020									<0.001
9/14/2020	0.00039 (J)	0.00016 (J)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/30/2021	0.00035 (J)	0.00034 (J)				<0.001			
3/31/2021			<0.001	<0.001	<0.001				
4/1/2021								0.00023 (J)	0.00042 (J)
4/7/2021							<0.001		
8/17/2021	<0.001	<0.001		<0.001			<0.001		
8/18/2021			<0.001		0.0003 (J)	<0.001		0.00017 (J)	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/10/2022						<0.001			
8/17/2022	<0.001	<0.001							
8/18/2022			<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/19/2022								<0.001	
2/21/2023	<0.001		<0.001		<0.001				
2/22/2023		<0.001		<0.001				<0.001	<0.001
2/23/2023						<0.001	<0.001		
8/1/2023	<0.001	<0.001			<0.001			<0.001	
8/7/2023			<0.001	<0.001					
8/8/2023						<0.001	<0.001		<0.001
2/20/2024	<0.001	<0.001		<0.001				<0.001	
2/21/2024			<0.001		<0.001	<0.001			<0.001
2/27/2024							<0.001		
7/31/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/1/2024								<0.001	
2/19/2025				<0.001		<0.001	<0.001		<0.001
2/20/2025	<0.001	<0.001	<0.001		<0.001			<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
5/11/2016	<0.001	<0.001	<0.001	<0.001	<0.001				
5/12/2016						<0.001	<0.001	<0.001	<0.001
6/27/2016	<0.001								
6/28/2016			0.0001 (J)	<0.001	<0.001	<0.001	<0.001	9E-05 (J)	<0.001
6/29/2016		<0.001							
8/17/2016	<0.001		<0.001	<0.001					
8/18/2016					<0.001	<0.001	<0.001	<0.001	<0.001
8/22/2016		<0.001							
10/17/2016	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001		
10/18/2016		<0.001						<0.001	<0.001
12/6/2016	<0.001		<0.001	<0.001	<0.001	<0.001			
12/7/2016		<0.001					<0.001	<0.001	<0.001
2/14/2017	<0.001								
2/15/2017			<0.001	<0.001	<0.001	<0.001	<0.001	8.5E-05 (J)	
2/16/2017		<0.001							<0.001
4/12/2017	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	9.5E-05 (J)	
4/13/2017		<0.001							<0.001
6/27/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0001 (J)	<0.001
3/27/2018	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/28/2018		<0.001							
6/6/2018	<0.001	<0.001	<0.001	<0.001	<0.001				
6/7/2018						<0.001	<0.001	<0.001	<0.001
10/8/2018					<0.001	<0.001	<0.001		<0.001
10/9/2018	<0.001	<0.001	<0.001						
10/16/2018				<0.001				0.0001 (J)	
2/20/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	9.8E-05 (J)	<0.001
4/1/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	9.5E-05 (J)	
4/2/2019									<0.001
9/16/2019		<0.001		<0.001	<0.001				
9/17/2019	0.00023 (J)		<0.001			<0.001	<0.001	0.00016 (J)	<0.001
2/18/2020	0.0002 (J)			0.00016 (J)					
2/19/2020		0.00027 (J)	0.00075 (J)		0.00034 (J)	0.00022 (J)	0.00018 (J)	0.00031 (J)	<0.001
3/25/2020	0.00079 (J)	<0.001	<0.001	<0.001					
3/26/2020					<0.001				
3/27/2020						<0.001	0.0011	0.00045 (J)	<0.001
9/14/2020	<0.001	<0.001	<0.001	<0.001	0.00023 (J)	<0.001			
9/15/2020							0.00035 (J)	0.00027 (J)	<0.001
2/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/31/2021		<0.001	<0.001					<0.001	
4/1/2021	0.00021 (J)								<0.001
4/6/2021							0.00017 (J)		
4/7/2021				<0.001	<0.001	<0.001			
8/18/2021	<0.001								
8/19/2021		0.0004 (J)	0.00024 (J)	0.00015 (J)		<0.001	<0.001	<0.001	<0.001
8/20/2021					<0.001				
2/10/2022	<0.001	<0.001		<0.001	<0.001				<0.001
2/11/2022			<0.001			<0.001		<0.001	
2/14/2022							<0.001		
8/18/2022	<0.001	<0.001		<0.001	<0.001	<0.001			
8/19/2022			<0.001				<0.001	<0.001	
8/31/2022									<0.001
2/22/2023	<0.001	<0.001	<0.001	<0.001					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16
2/23/2023					<0.001	<0.001	<0.001	<0.001	<0.001
8/2/2023				<0.001		<0.001			
8/7/2023		<0.001	<0.001		<0.001			<0.001	
8/8/2023	<0.001						<0.001		<0.001
2/21/2024	<0.001	<0.001							
2/23/2024			<0.001	<0.001	<0.001	<0.001			
2/26/2024								<0.001	<0.001
2/27/2024							<0.001		
8/1/2024	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/5/2024			<0.001						
2/19/2025	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		<0.001
2/20/2025				<0.001				<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
5/12/2016	<0.001			<0.001	<0.001	<0.001	<0.001		
5/13/2016		<0.001	<0.001						
6/29/2016	<0.001		<0.001	0.0002 (J)	<0.001	<0.001	<0.001		
6/30/2016		0.0002 (J)							
8/18/2016	<0.001								
8/19/2016						<0.001	<0.001		
8/22/2016		0.00015 (J)	<0.001	0.00018 (J)	<0.001				
10/18/2016			<0.001	0.00016 (J)	<0.001	<0.001	<0.001		
10/19/2016	<0.001	0.00012 (J)							
12/7/2016	<0.001	9.5E-05 (J)			<0.001	<0.001	<0.001		
12/8/2016			<0.001	0.0001 (J)					
2/15/2017	<0.001						<0.001		
2/16/2017		0.00013 (J)	<0.001	0.00014 (J)	<0.001	<0.001			
4/13/2017	<0.001	0.00012 (J)	<0.001	0.00021 (J)	<0.001	<0.001	<0.001		
6/27/2017	<0.001								
6/28/2017		0.00013 (J)	<0.001	0.00018 (J)	<0.001	<0.001	<0.001		
3/27/2018	<0.001						<0.001		
3/28/2018		0.00011 (J)	<0.001	9E-05 (J)	<0.001	<0.001			
6/7/2018	<0.001			0.00014 (J)	<0.001	<0.001	<0.001		
6/8/2018		0.00019 (J)	<0.001						
10/8/2018	<0.001				<0.001	<0.001	<0.001		
10/9/2018			<0.001						
10/18/2018		0.00019 (J)		0.00018 (J)					
1/2/2019		<0.001							
1/10/2019									<0.001
2/19/2019						<0.001	<0.001		
2/20/2019	<0.001	0.00021 (J)	<0.001	0.00018 (J)	<0.001				
4/2/2019	<0.001	0.00016 (J)	<0.001	0.00017 (J)	<0.001	<0.001	<0.001		
9/17/2019	<0.001	0.00025 (J)	<0.001	0.00021 (J)	<0.001				
9/18/2019						<0.001	<0.001		
2/13/2020									<0.001
2/18/2020				0.00033 (J)	<0.001	<0.001	<0.001		
2/19/2020	<0.001		<0.001						
2/20/2020		0.00066 (J)							
3/23/2020			<0.001	0.00016 (J)	<0.001				
3/24/2020	<0.001					<0.001	<0.001		
3/26/2020		0.00029 (J)							
9/15/2020	<0.001	0.00027 (J)	<0.001	0.00028 (J)	<0.001	0.00038 (J)	0.00016 (J)		
2/10/2021	0.00024 (J)	0.00068 (J)	<0.001	0.00025 (J)	<0.001	<0.001	<0.001		
3/30/2021		0.00024 (J)	<0.001	0.00018 (J)	<0.001				
3/31/2021						<0.001	<0.001		
4/1/2021	<0.001								
8/18/2021	<0.001	0.00022 (J)			<0.001	<0.001	<0.001		
8/19/2021			<0.001	0.00018 (J)					
2/8/2022								<0.001	<0.001
2/10/2022		<0.001				<0.001	<0.001		
2/11/2022	<0.001		<0.001	<0.001	<0.001				
8/22/2022			<0.001	<0.001	<0.001	<0.001	<0.001		
8/23/2022		<0.001							<0.001
8/24/2022								<0.001	
8/31/2022	<0.001								
2/22/2023	<0.001	<0.001	<0.001	<0.001					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S
2/23/2023					<0.001	<0.001	<0.001	<0.001	<0.001
8/1/2023									<0.001
8/2/2023								<0.001	
8/7/2023	<0.001	<0.001	<0.001	<0.001		<0.001			
8/8/2023					<0.001		<0.001		
2/20/2024			<0.001						
2/21/2024						<0.001	<0.001	<0.001	
2/26/2024	<0.001			<0.001					
2/27/2024		<0.001			<0.001				
2/28/2024									<0.001
8/1/2024			<0.001						
8/2/2024				<0.001	<0.001	<0.001	<0.001		
8/5/2024	<0.001	<0.001						<0.001	<0.001
2/19/2025	<0.001							<0.001	<0.001
2/20/2025				<0.001	<0.001	<0.001			
2/21/2025		<0.001	<0.001				<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 5/12/2025 10:41 AM

Plant Scherer Client: Southern Company Data: Scherer AP

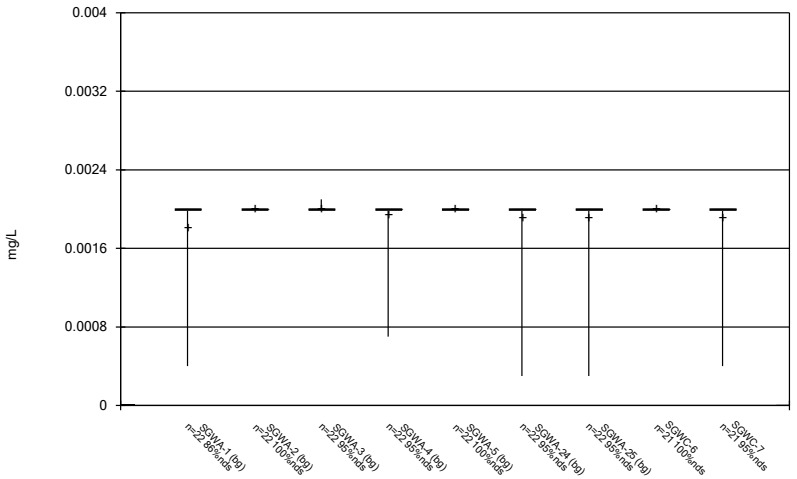
	PZ-17I	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018							<0.001	
10/17/2018		<0.001						
10/18/2018	<0.001		<0.001	<0.001	<0.001	<0.001		
2/19/2020				0.00034 (J)				
2/9/2022	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
2/10/2022			<0.001					<0.001
8/22/2022					<0.001			
8/23/2022		<0.001	<0.001					
8/24/2022	<0.001			<0.001		<0.001	<0.001	<0.001
2/23/2023	<0.001			<0.001	<0.001			
2/24/2023		<0.001	<0.001			<0.001		<0.001
2/28/2023							<0.001	
8/1/2023	<0.001		<0.001					
8/2/2023		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/23/2024							<0.001	<0.001
2/26/2024	<0.001							
2/27/2024		<0.001	<0.001	<0.001	<0.001	<0.001		
8/1/2024	<0.001						<0.001	
8/2/2024						<0.001		<0.001
8/5/2024			<0.001		<0.001			
8/6/2024		<0.001		<0.001				
2/20/2025			<0.001		<0.001			
2/21/2025	<0.001			<0.001				
2/24/2025		<0.001				<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

FIGURE B.

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

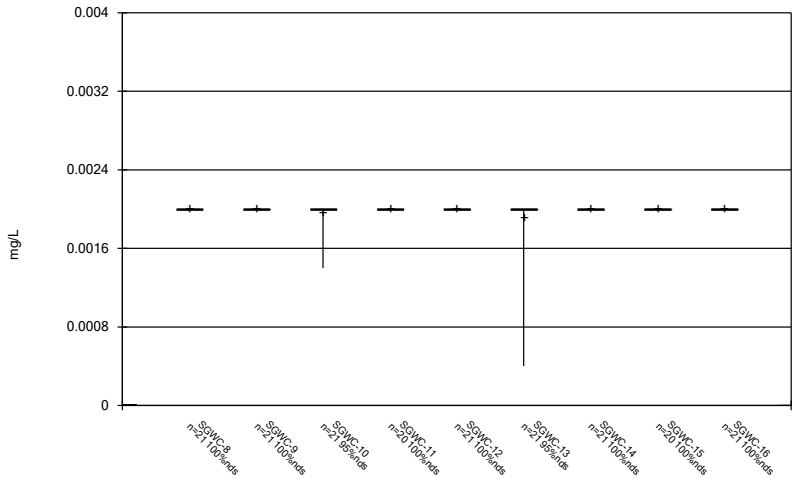
Box & Whiskers Plot



Constituent: Antimony Analysis Run 5/12/2025 10:45 AM
Plant Scherer Client: Southern Company Data: Scherer AP

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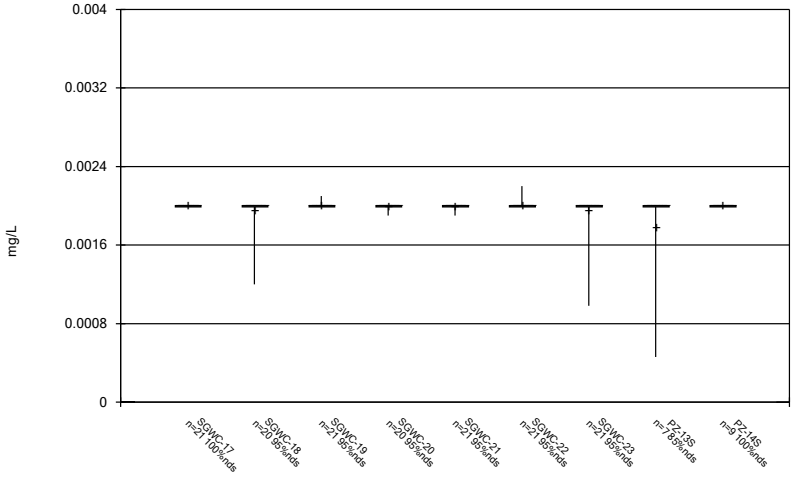
Box & Whiskers Plot



Constituent: Antimony Analysis Run 5/12/2025 10:45 AM
Plant Scherer Client: Southern Company Data: Scherer AP

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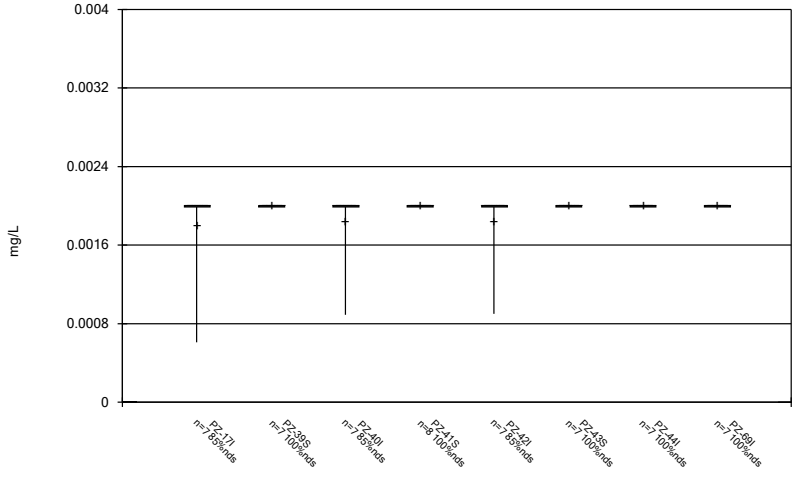
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer AP

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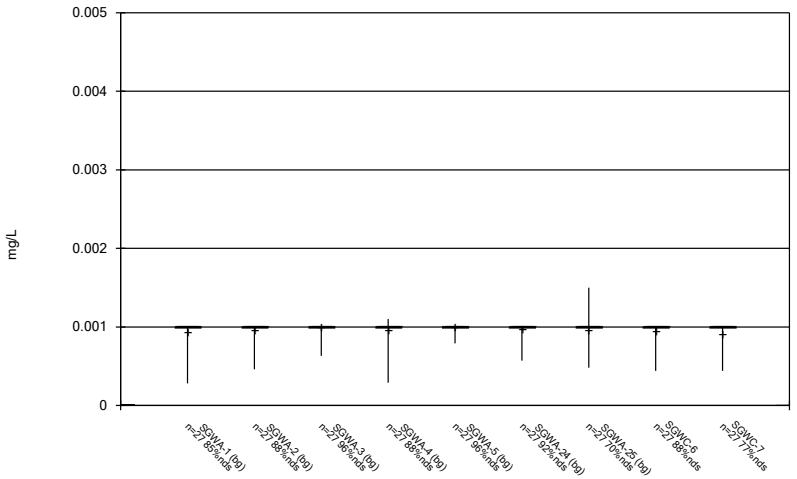
Box & Whiskers Plot



Constituent: Antimony Analysis Run 5/12/2025 10:45 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

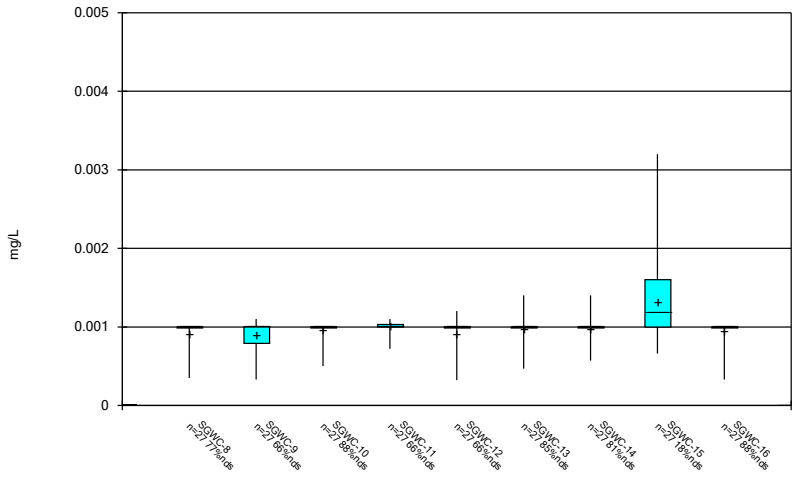


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

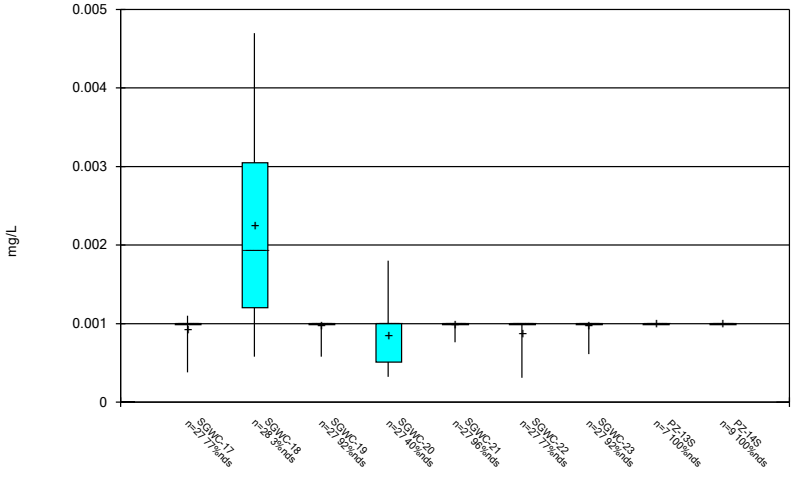


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

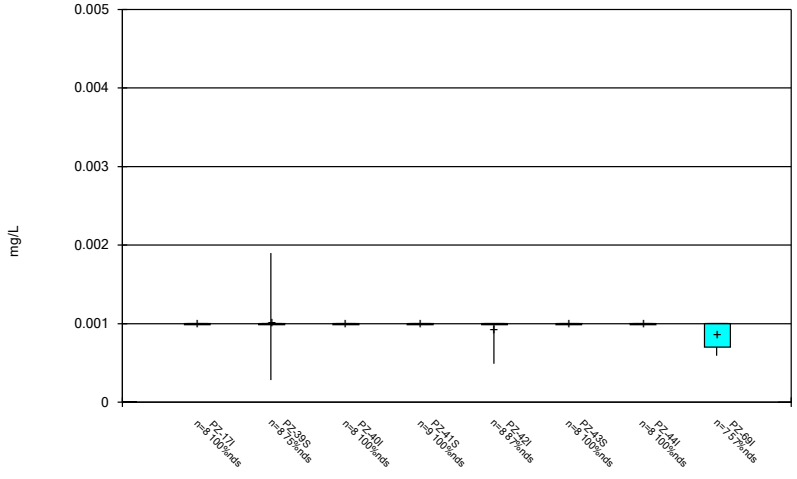


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Box & Whiskers Plot

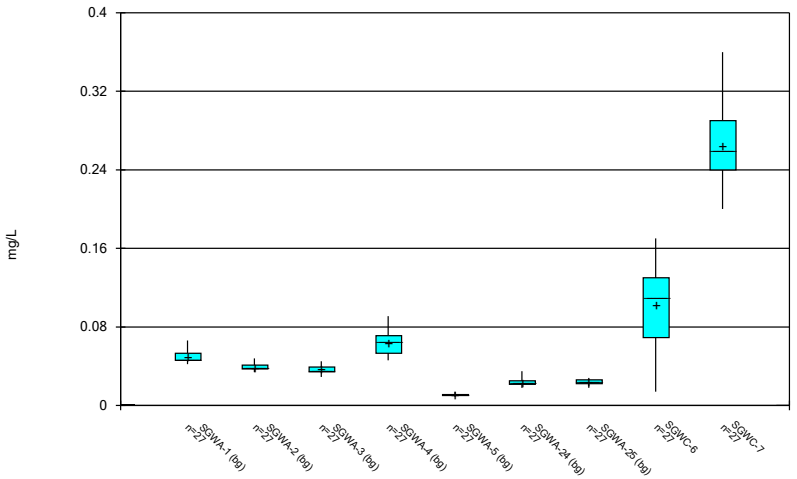


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

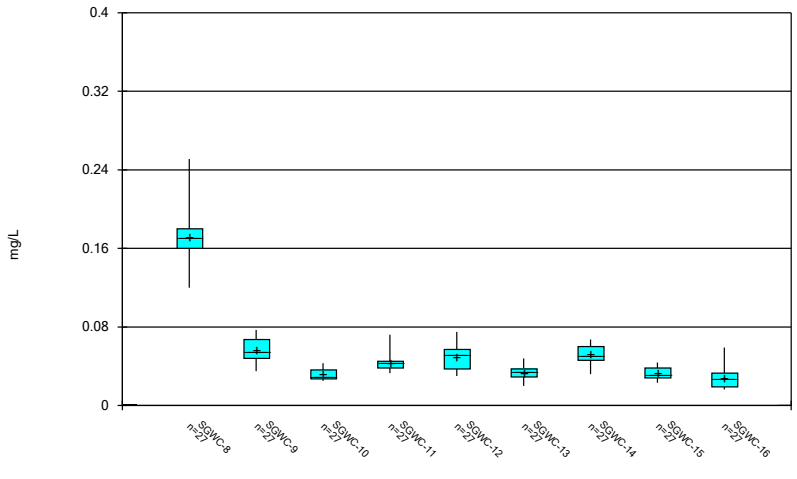


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

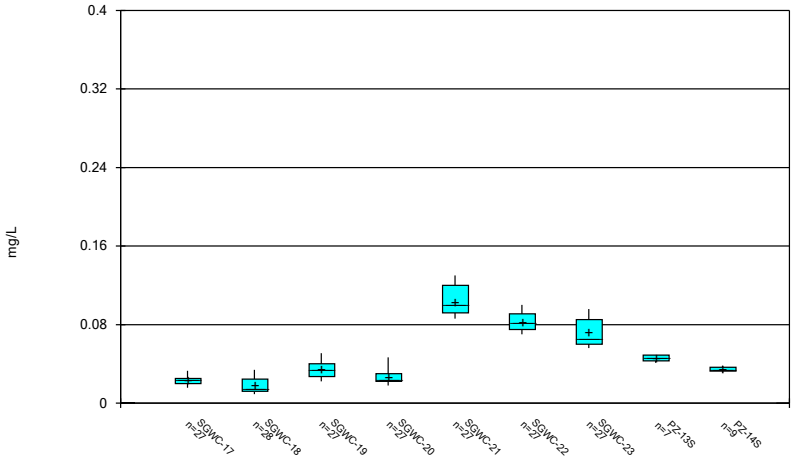


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Box & Whiskers Plot

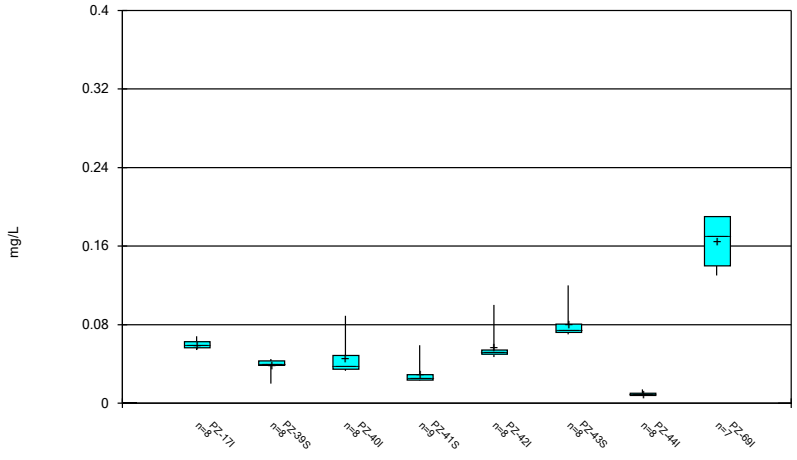


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Box & Whiskers Plot

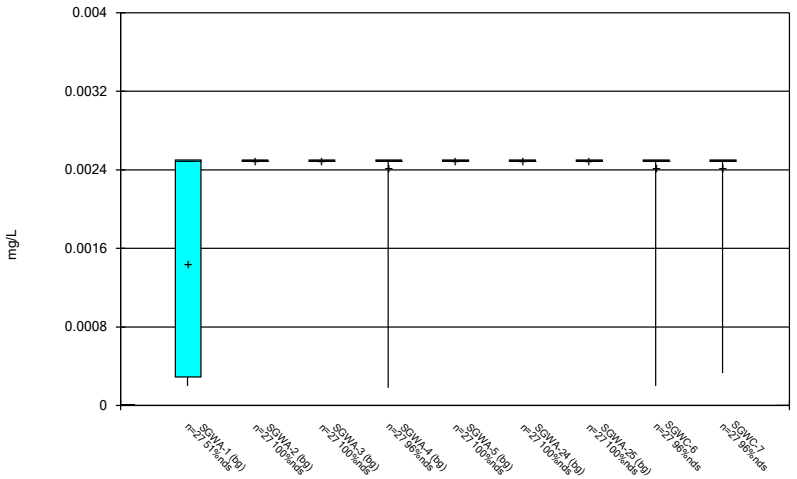


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Box & Whiskers Plot

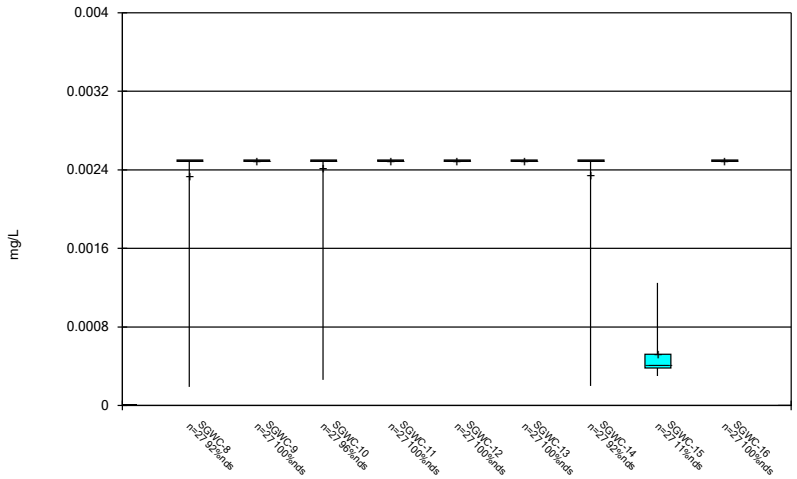


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

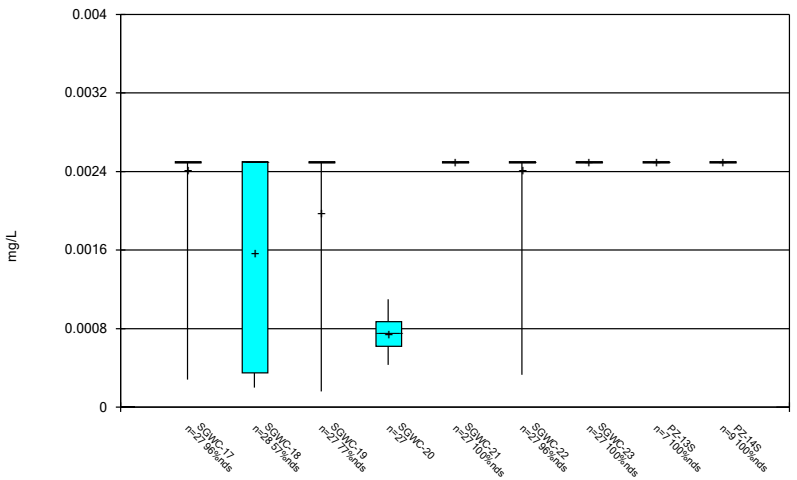


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Box & Whiskers Plot

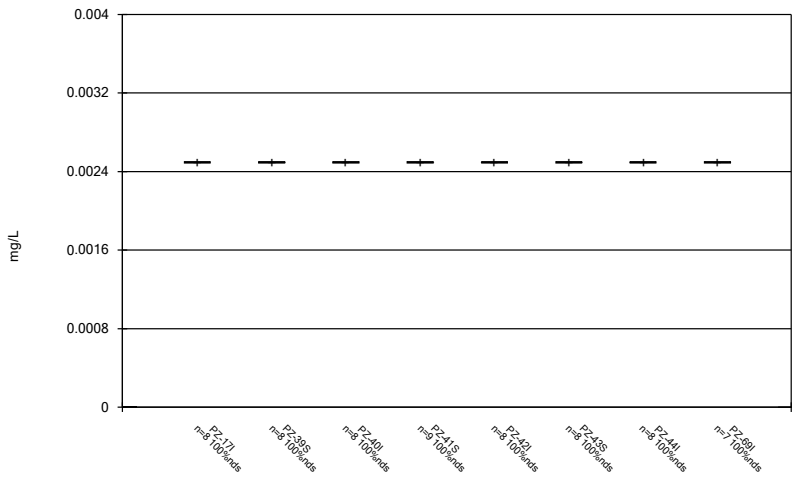


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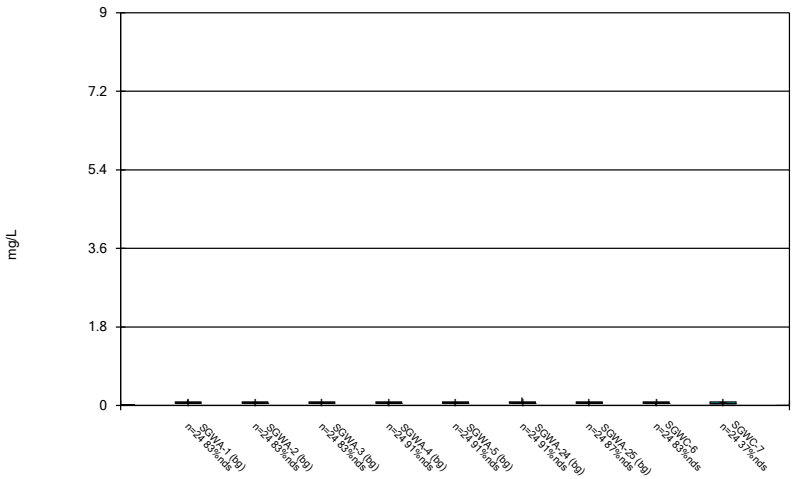


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

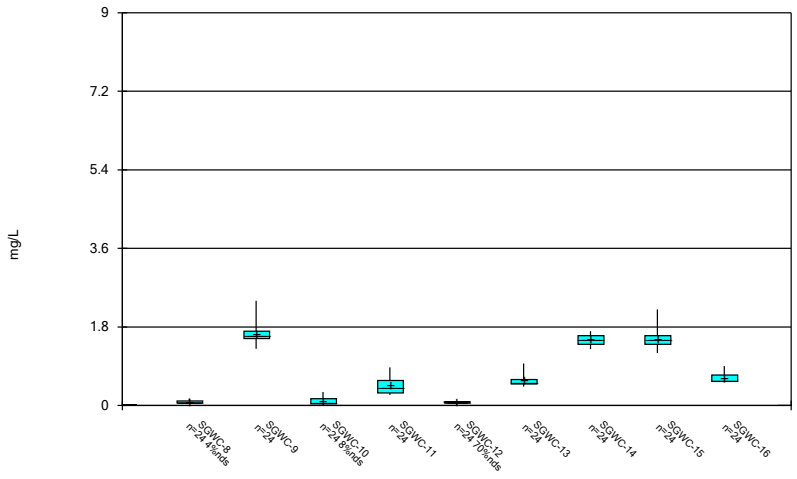


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

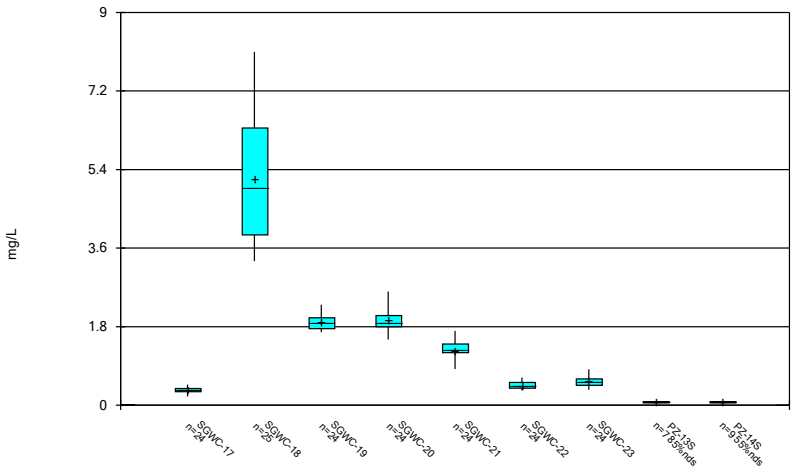


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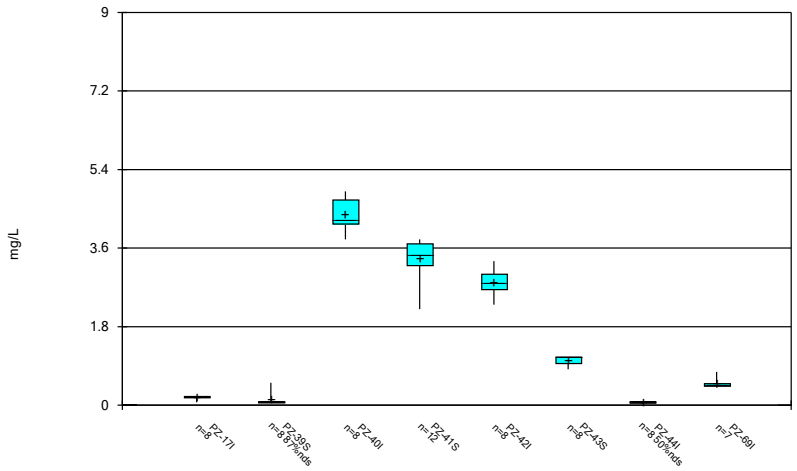


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Box & Whiskers Plot

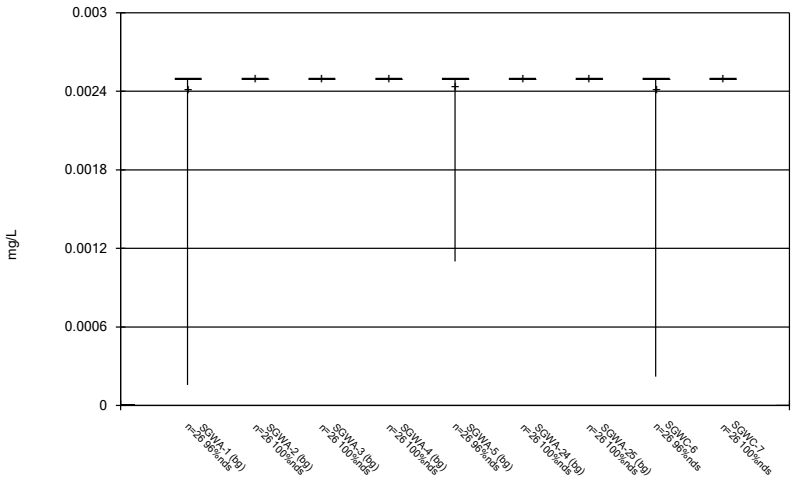


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Box & Whiskers Plot

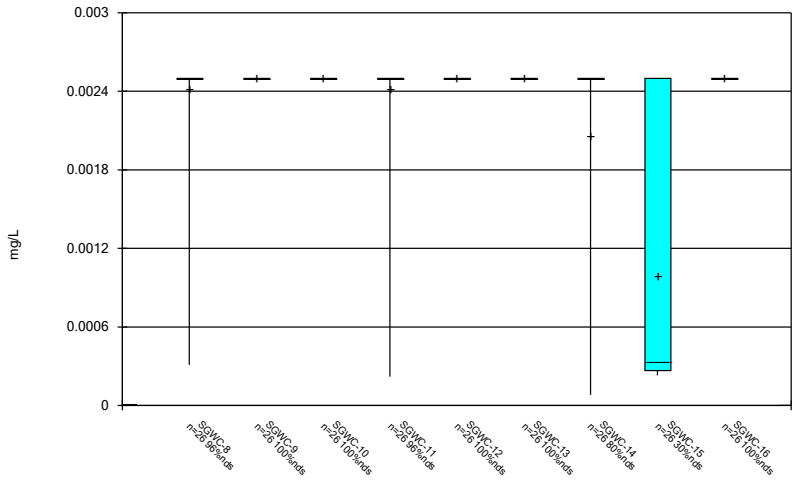


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Box & Whiskers Plot

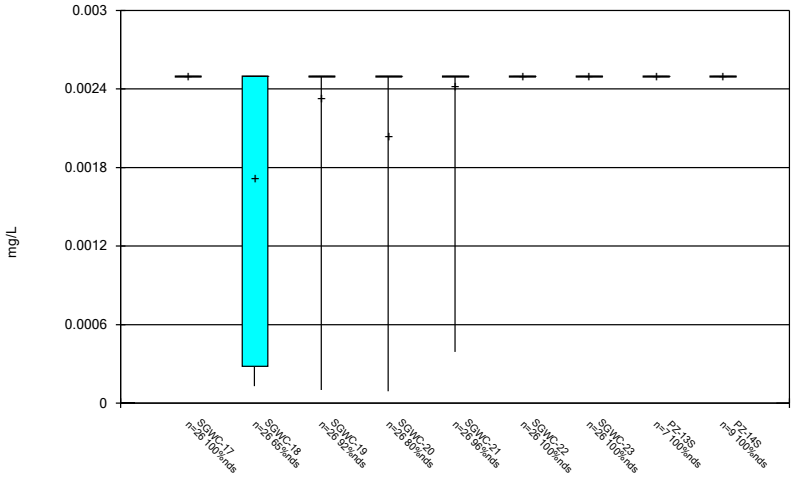


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Box & Whiskers Plot

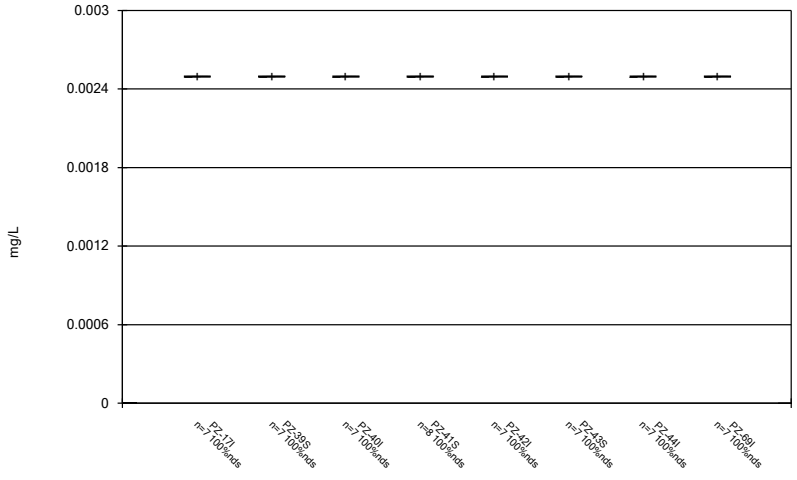


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Box & Whiskers Plot

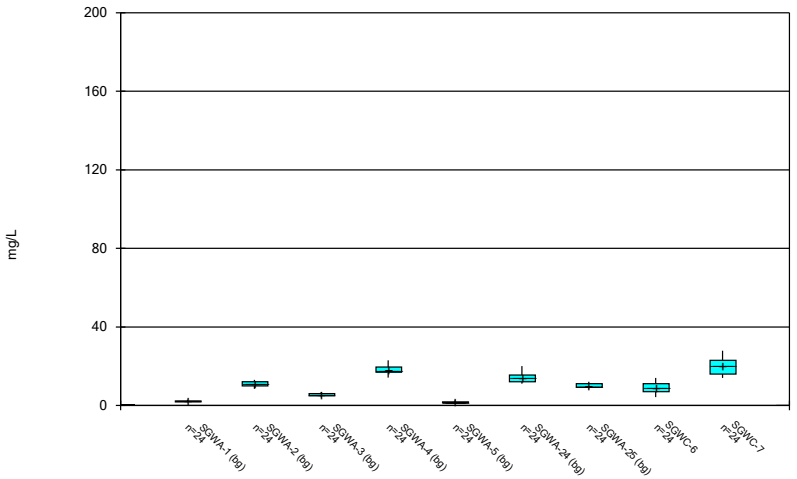


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Box & Whiskers Plot

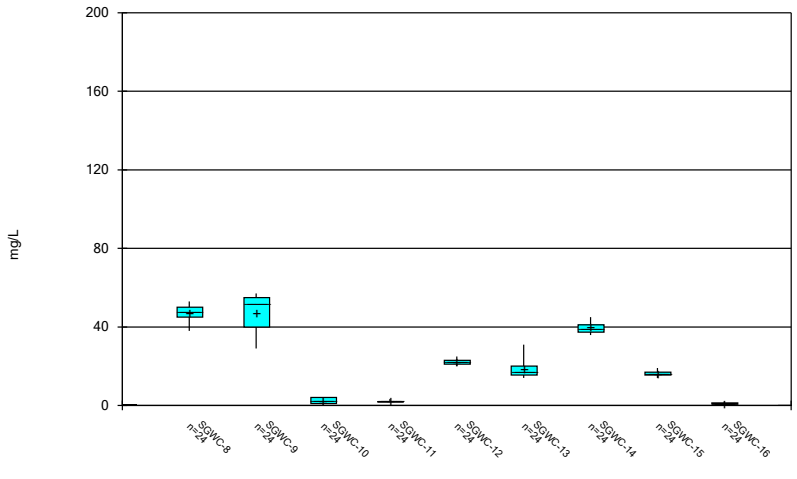


Constituent: Calcium Analysis Run 5/12/2025 10:46 AM

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Box & Whiskers Plot

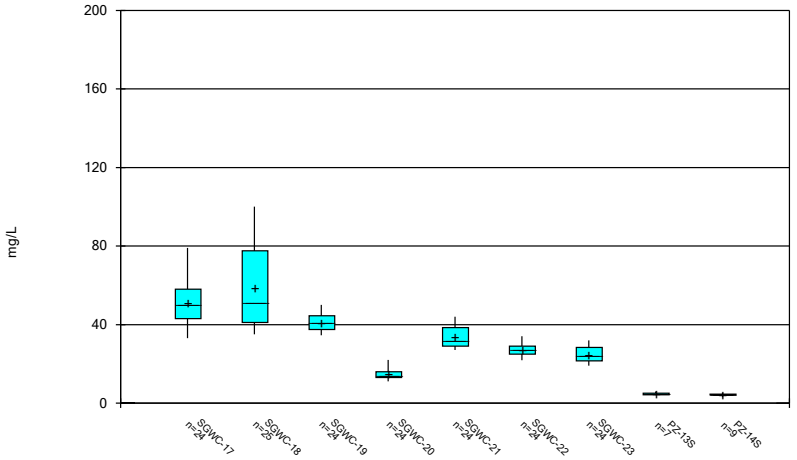


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Box & Whiskers Plot

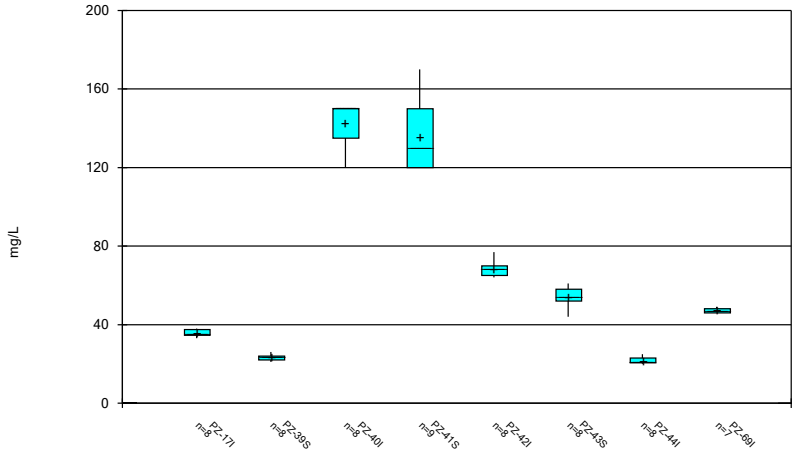


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Box & Whiskers Plot

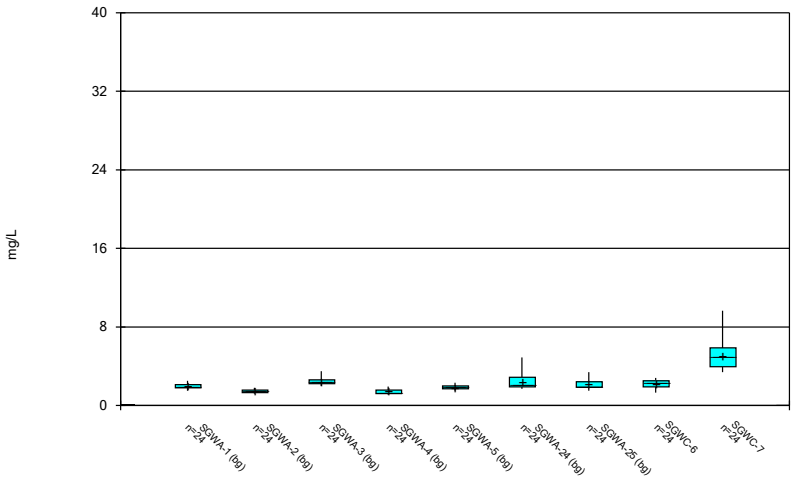


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Box & Whiskers Plot

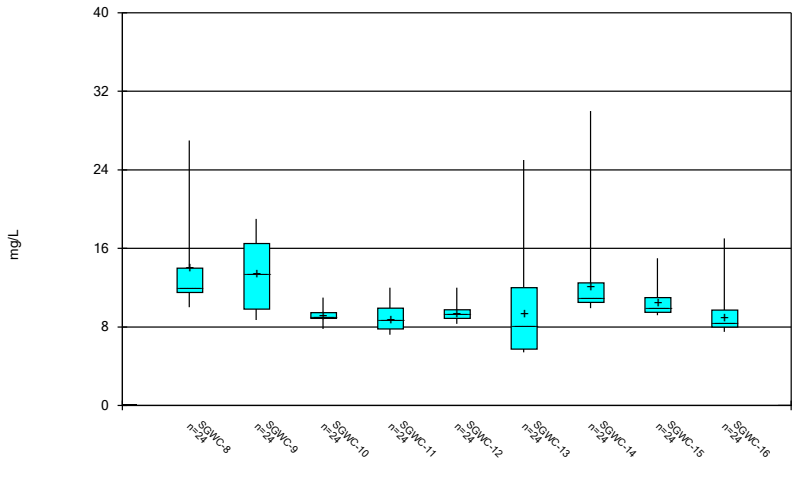


Constituent: Chloride Analysis Run 5/12/2025 10:46 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

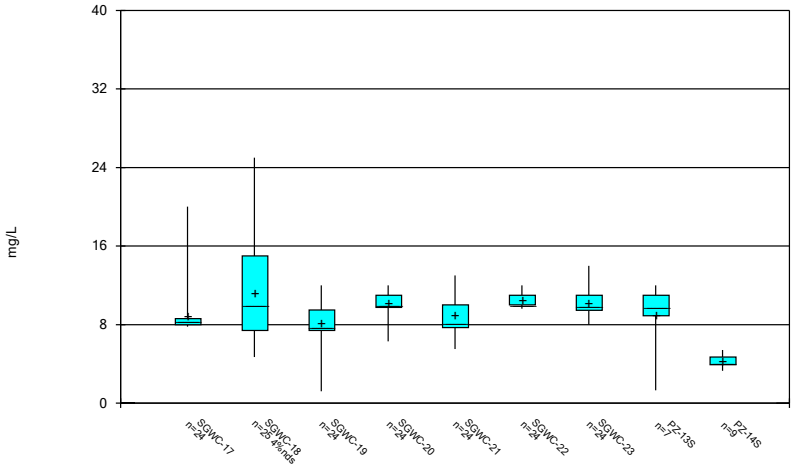


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Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

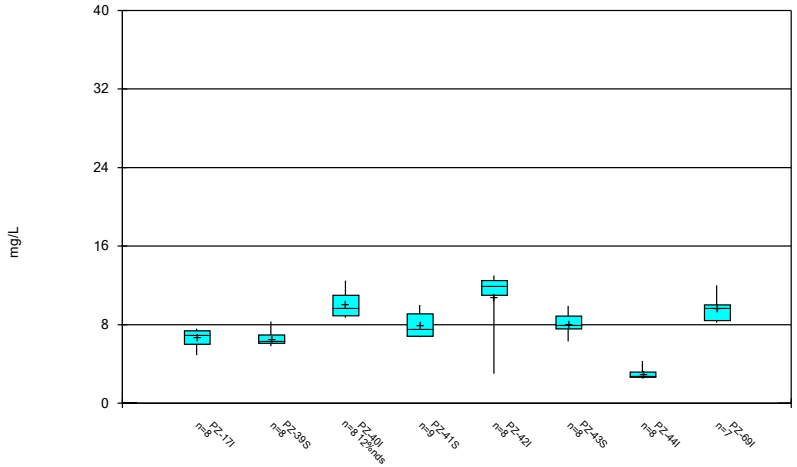


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Box & Whiskers Plot

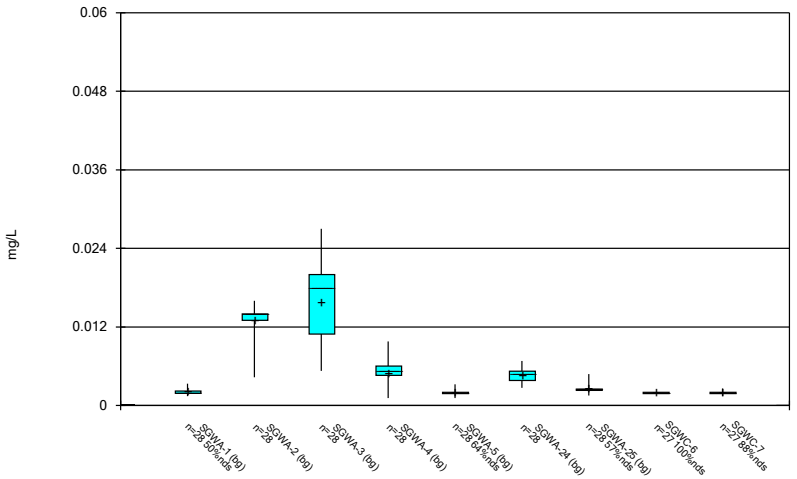


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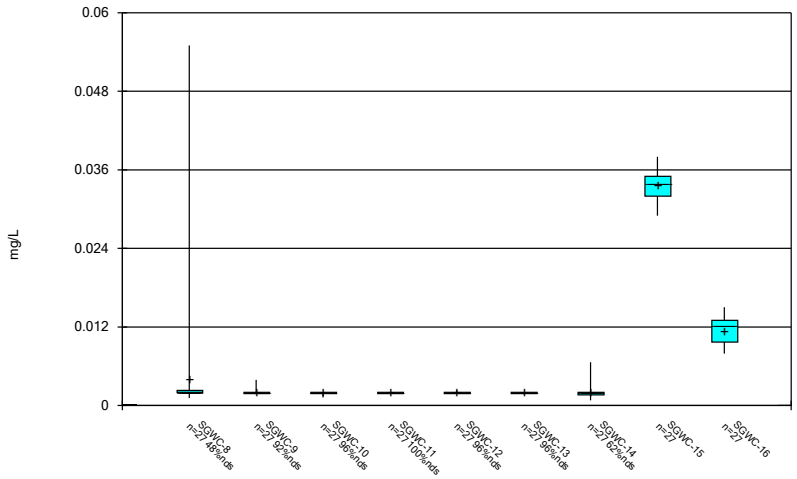
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer AP

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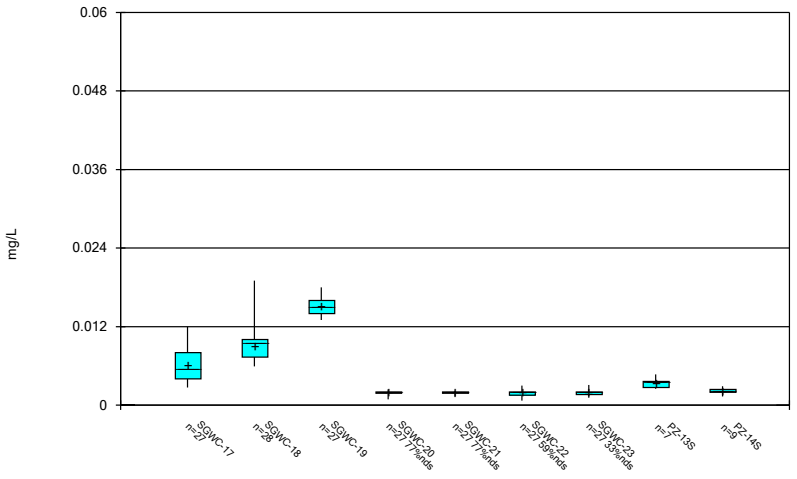
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer AP

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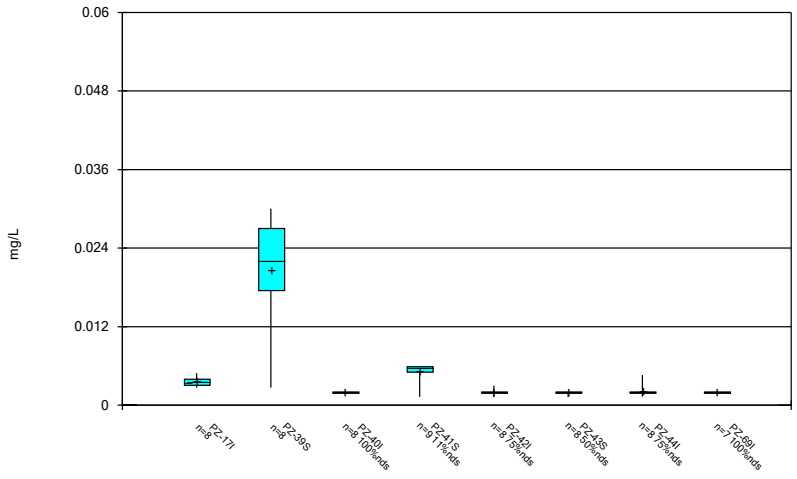
Box & Whiskers Plot



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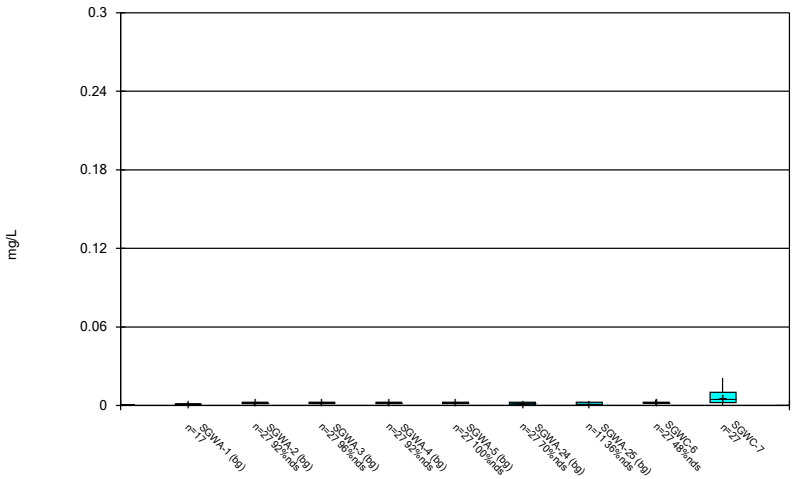
Box & Whiskers Plot



Constituent: Chromium Analysis Run 5/12/2025 10:46 AM
Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

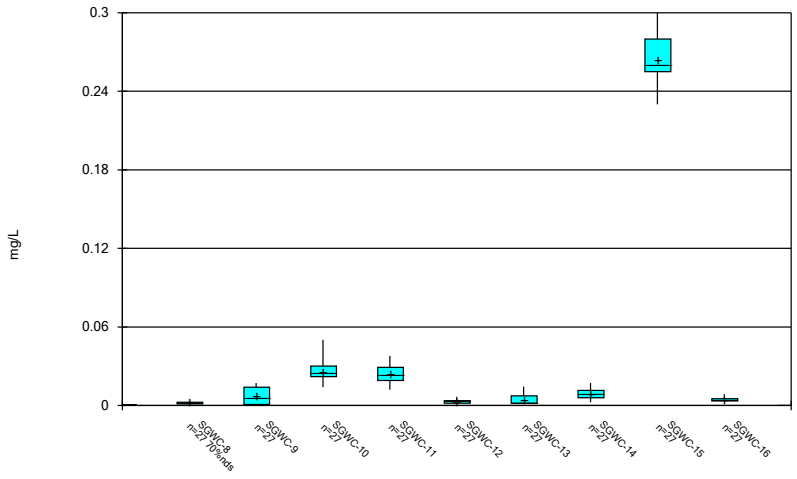


Constituent: Cobalt Analysis Run 5/12/2025 10:46 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

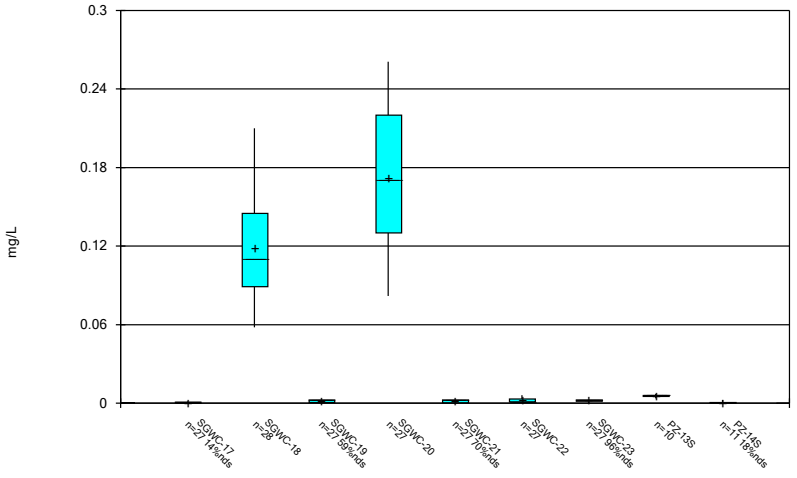


Constituent: Cobalt Analysis Run 5/12/2025 10:46 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

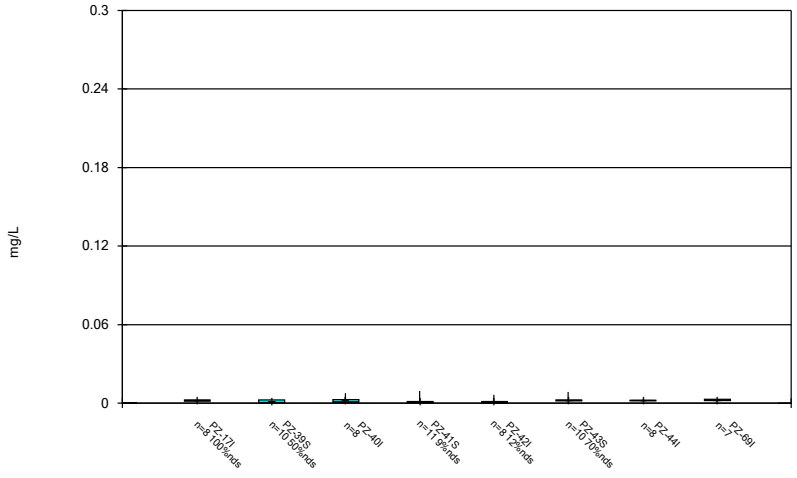


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

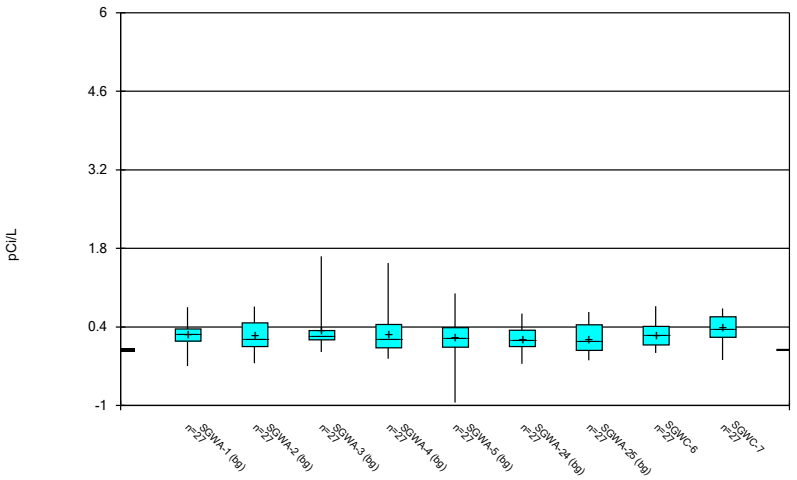


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Plant Scherer Client: Southern Company Data: Scherer AP

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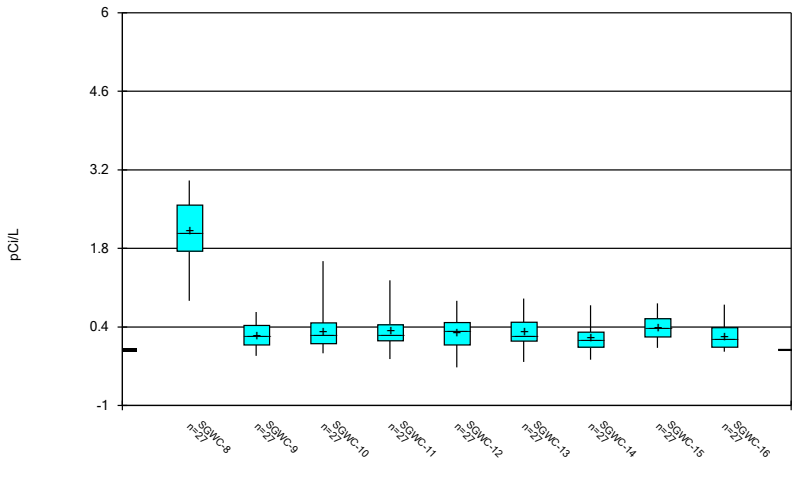
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 5/12/2025 10:46 AM
Plant Scherer Client: Southern Company Data: Scherer AP

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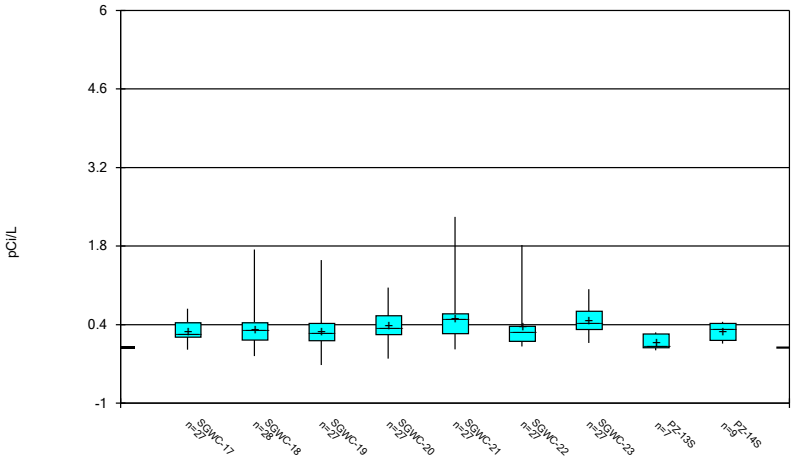
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 5/12/2025 10:46 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

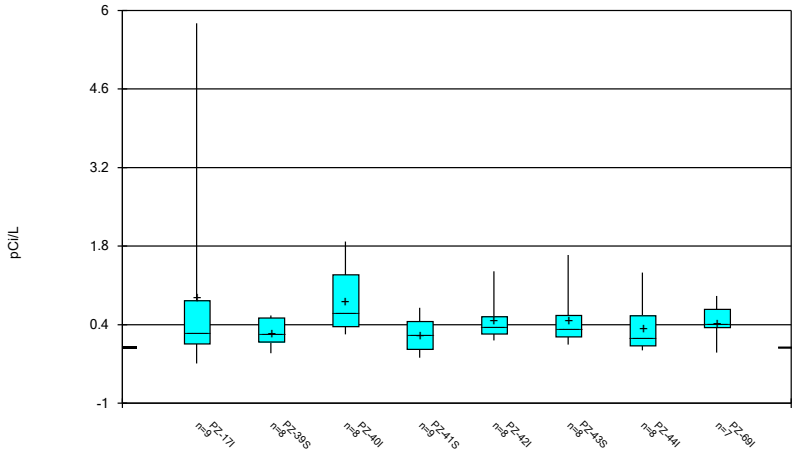
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 5/12/2025 10:46 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

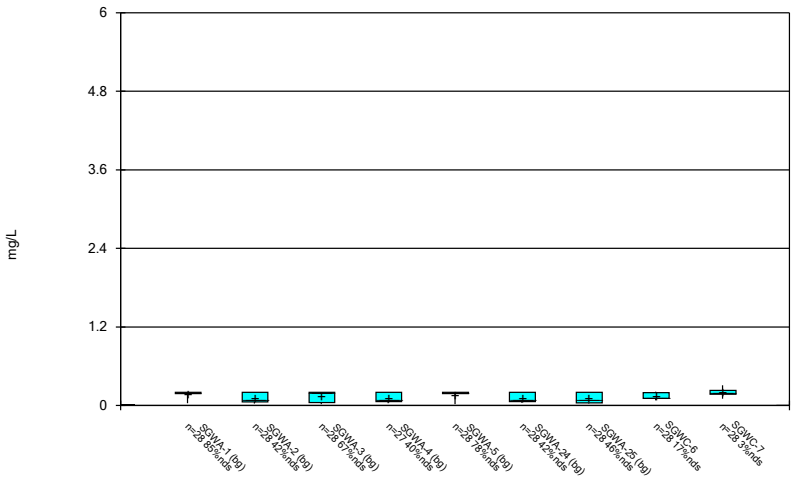
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 5/12/2025 10:46 AM
Plant Scherer Client: Southern Company Data: Scherer AP

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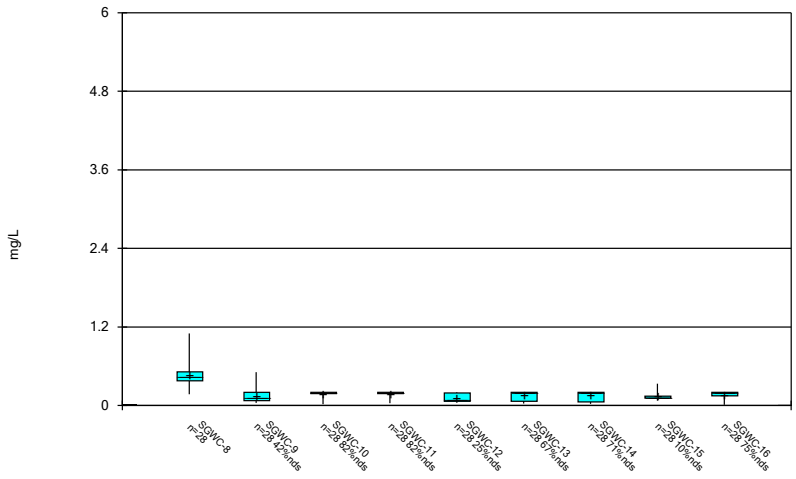
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 5/12/2025 10:46 AM
Plant Scherer Client: Southern Company Data: Scherer AP

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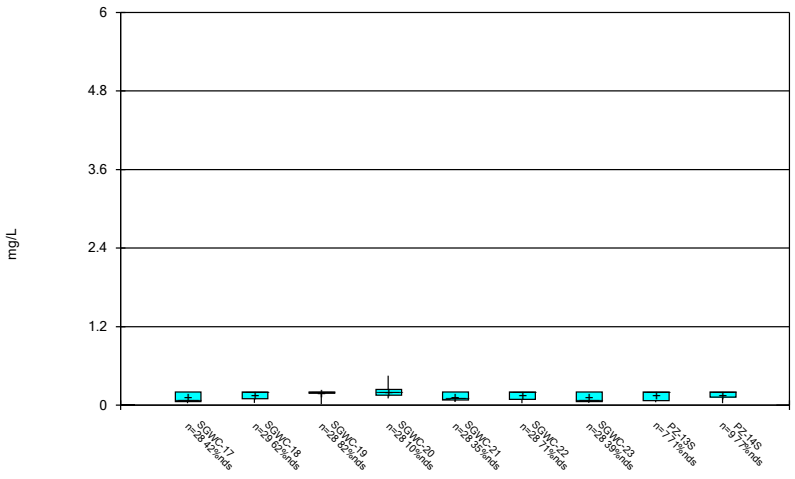
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 5/12/2025 10:46 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

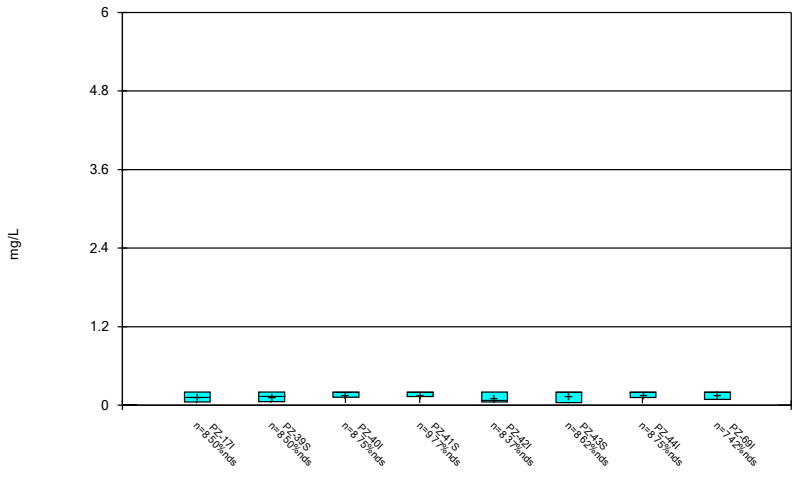
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 5/12/2025 10:46 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

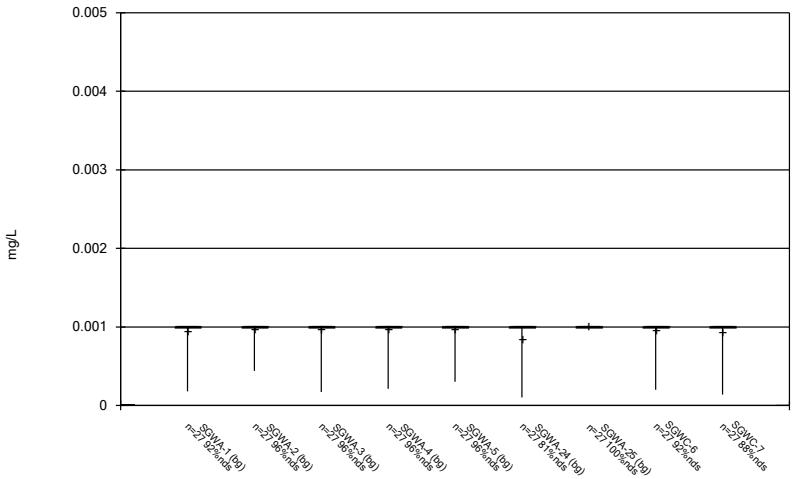
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 5/12/2025 10:46 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

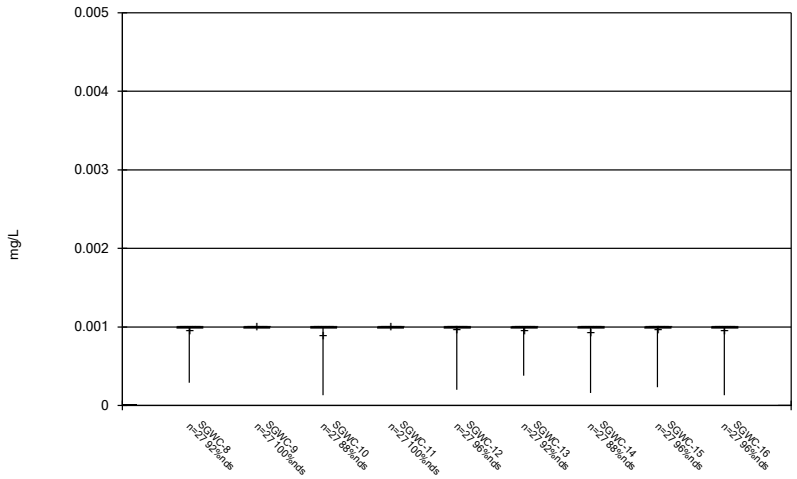


Constituent: Lead Analysis Run 5/12/2025 10:46 AM

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

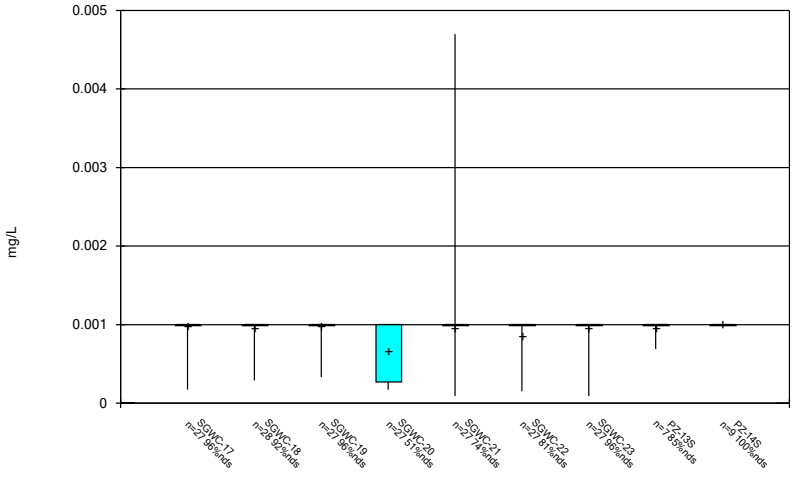


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

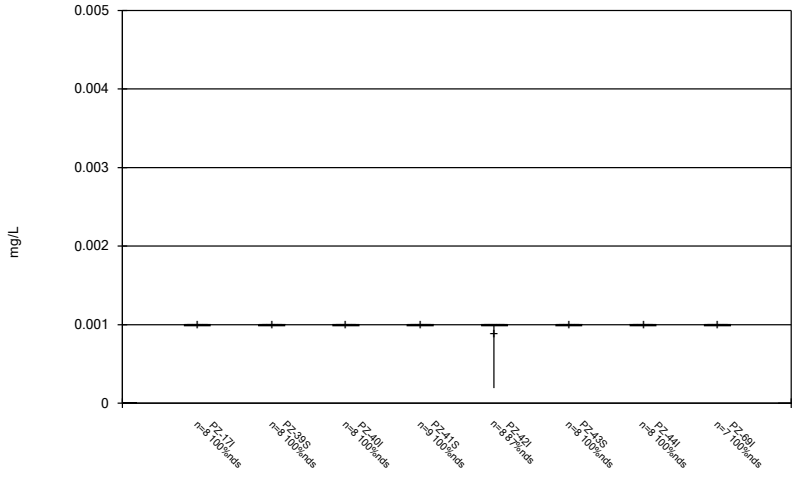


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

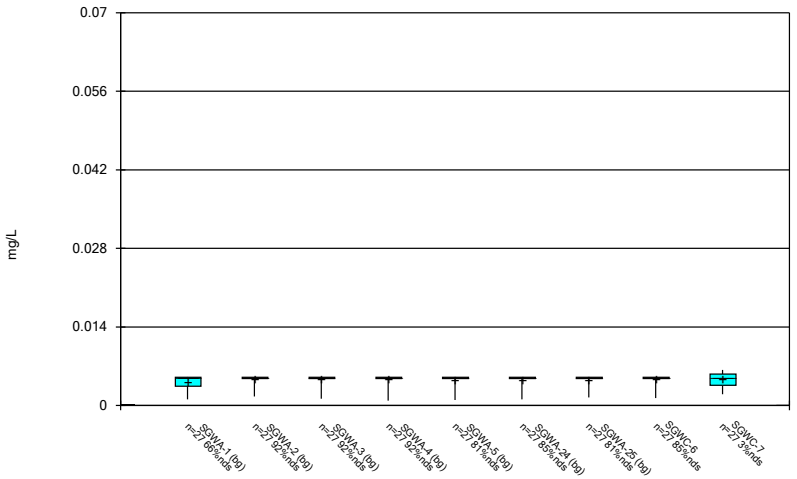


Constituent: Lead Analysis Run 5/12/2025 10:46 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

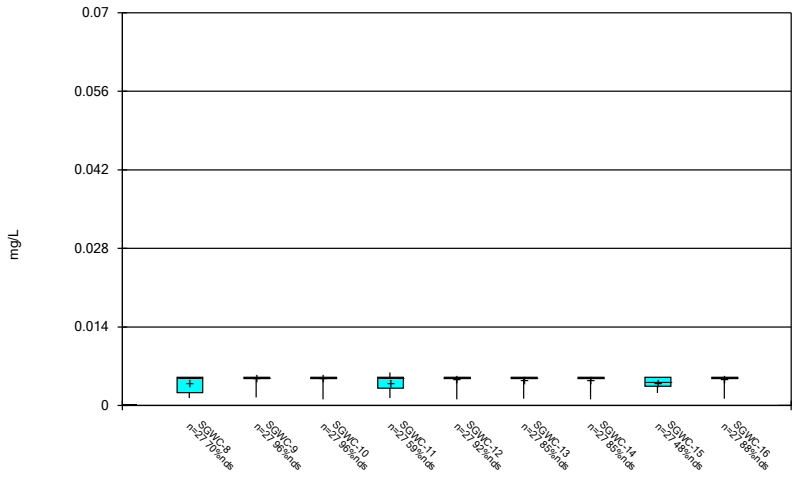


Constituent: Lithium Analysis Run 5/12/2025 10:46 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

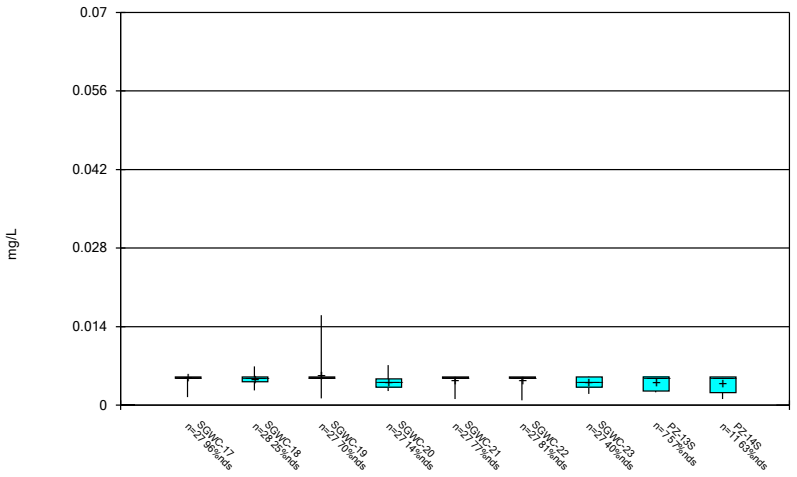


Constituent: Lithium Analysis Run 5/12/2025 10:46 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

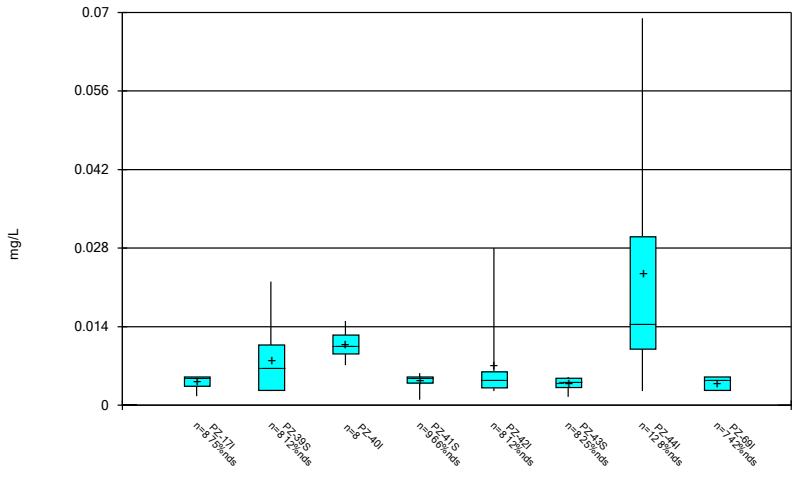


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Box & Whiskers Plot

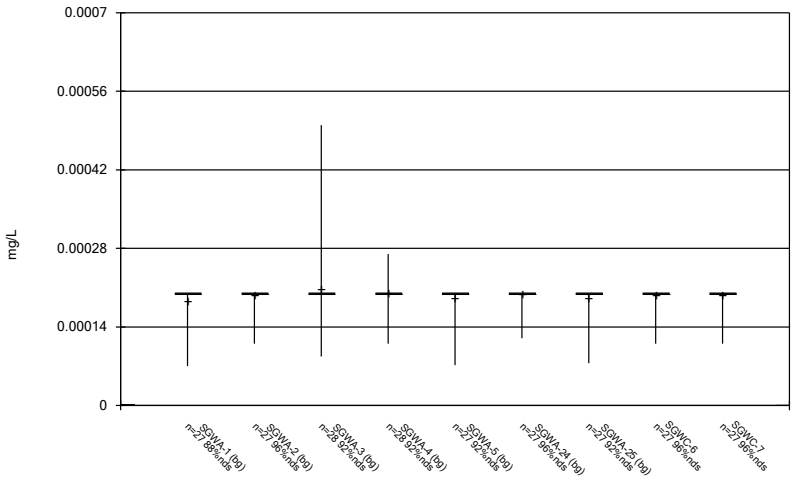


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

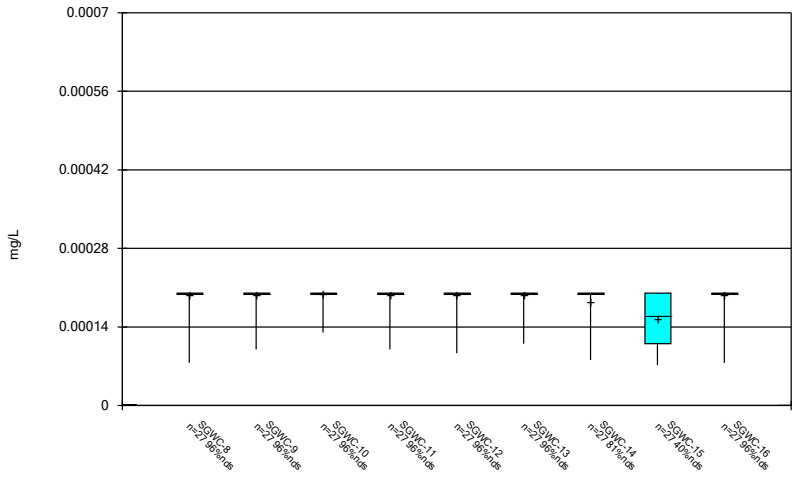


Constituent: Mercury Analysis Run 5/12/2025 10:46 AM

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

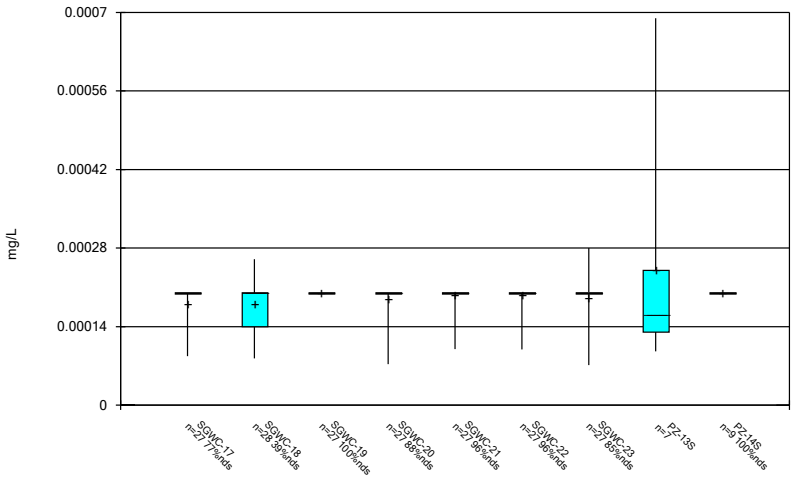


Constituent: Mercury Analysis Run 5/12/2025 10:46 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

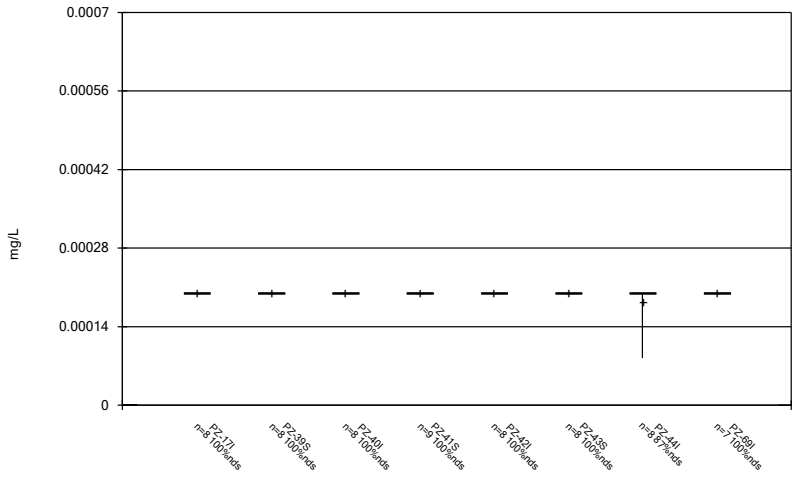


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

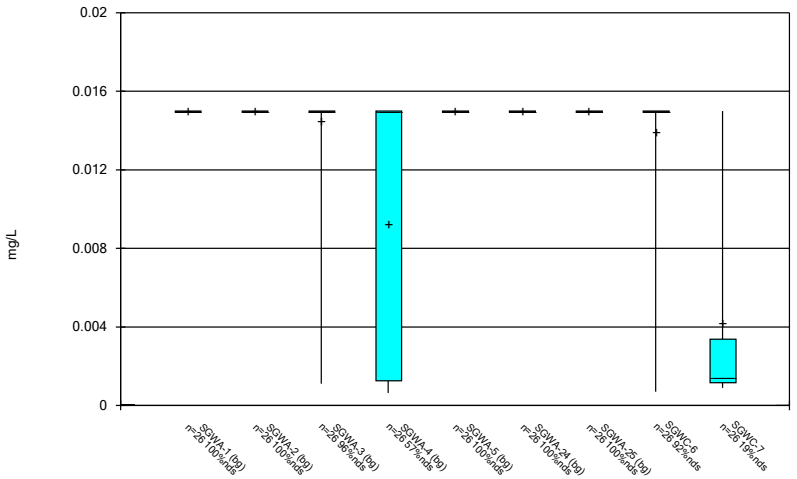


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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

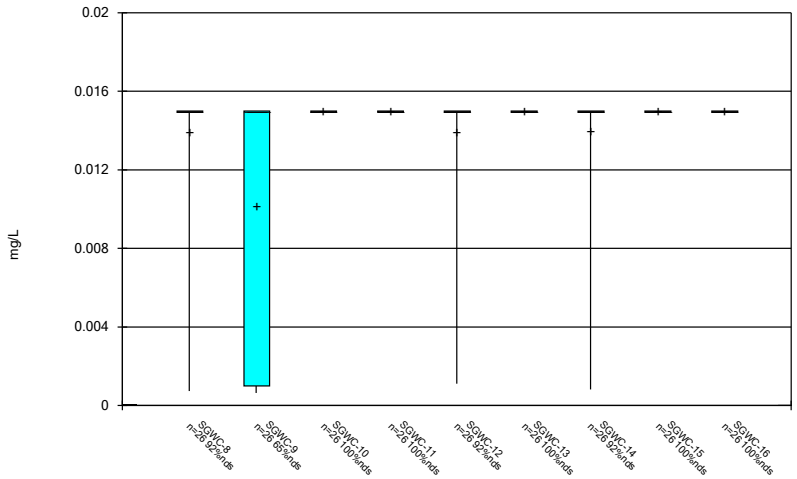
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 5/12/2025 10:47 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

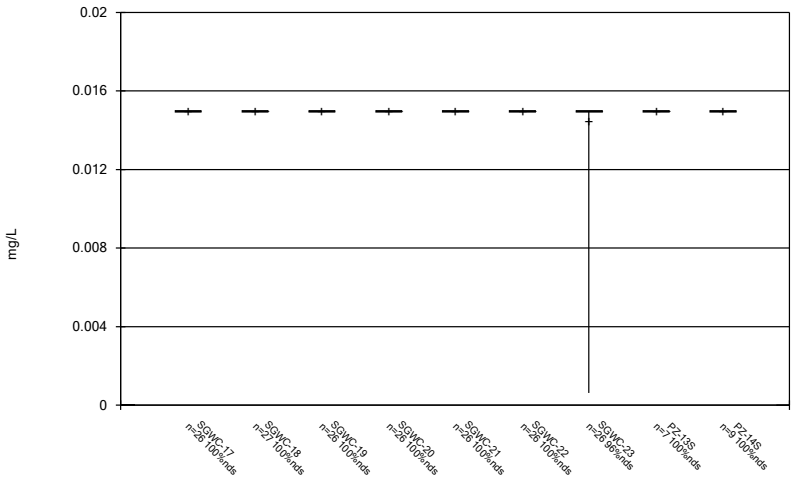
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 5/12/2025 10:47 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

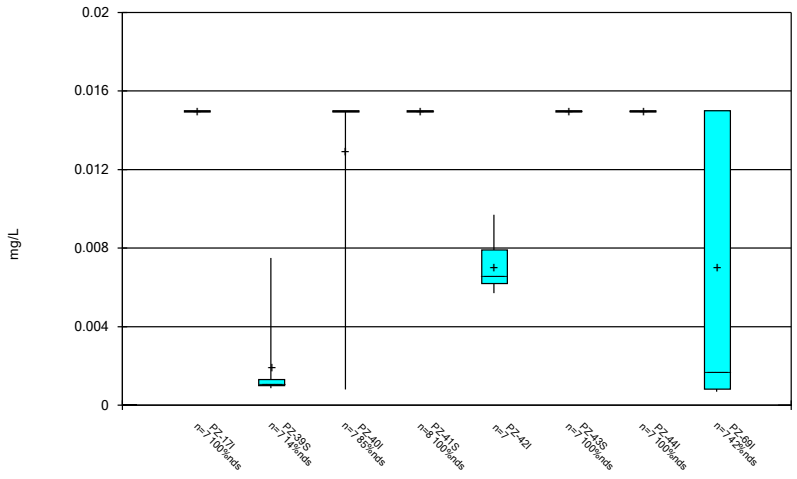
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer AP

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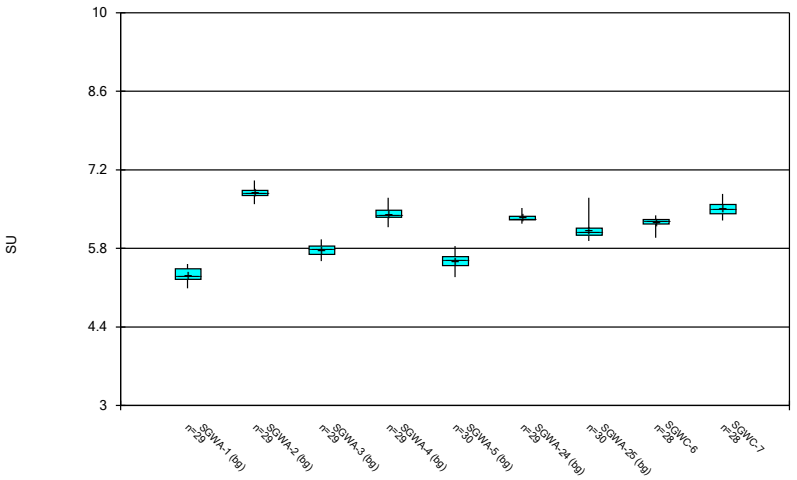
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 5/12/2025 10:47 AM
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

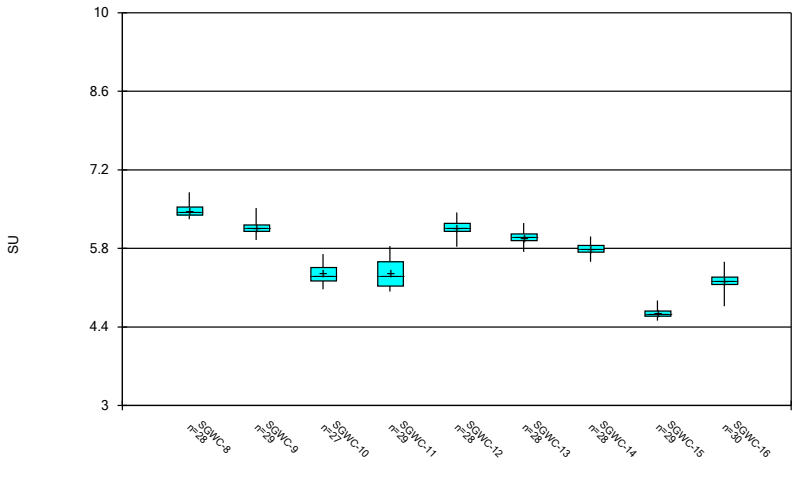


Constituent: pH, Field Analysis Run 5/12/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

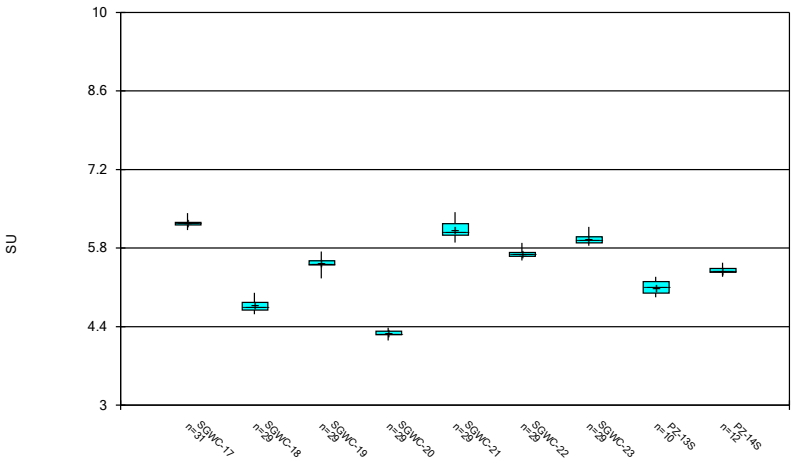


Constituent: pH, Field Analysis Run 5/12/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

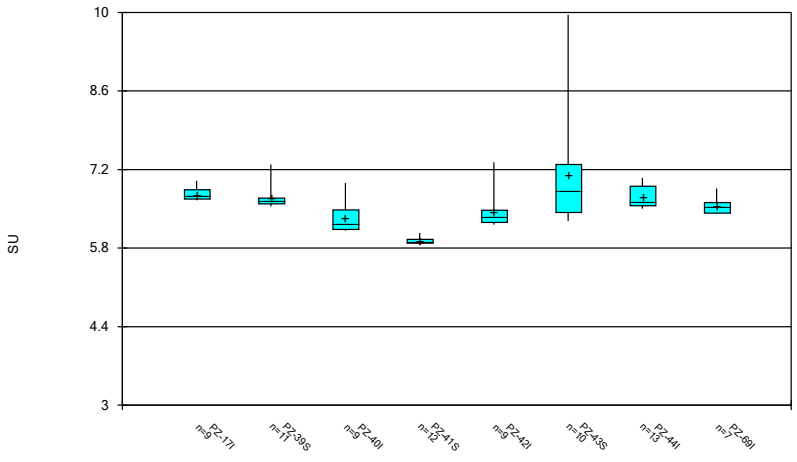


Constituent: pH, Field Analysis Run 5/12/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

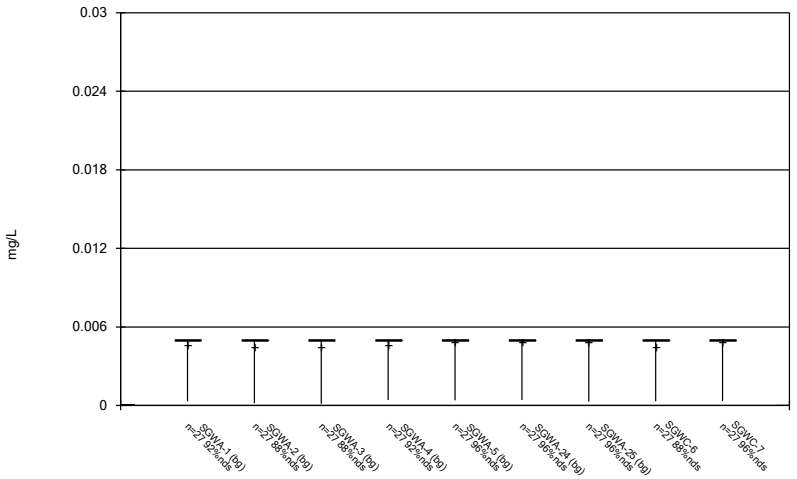


Constituent: pH, Field Analysis Run 5/12/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

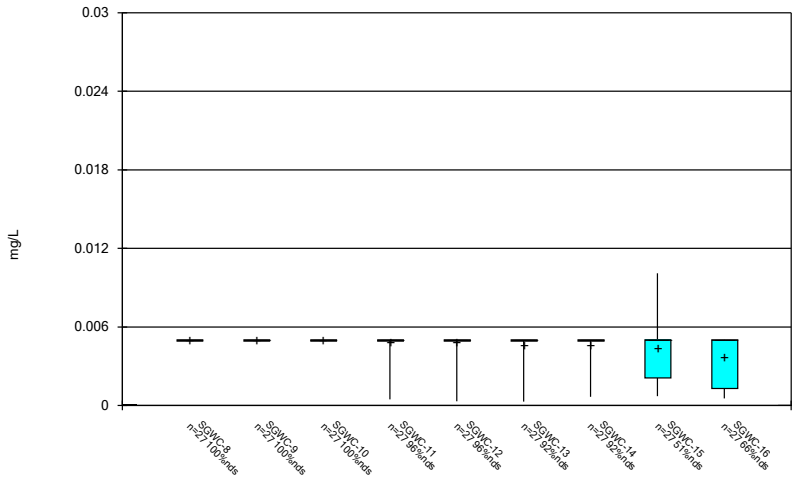


Constituent: Selenium Analysis Run 5/12/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

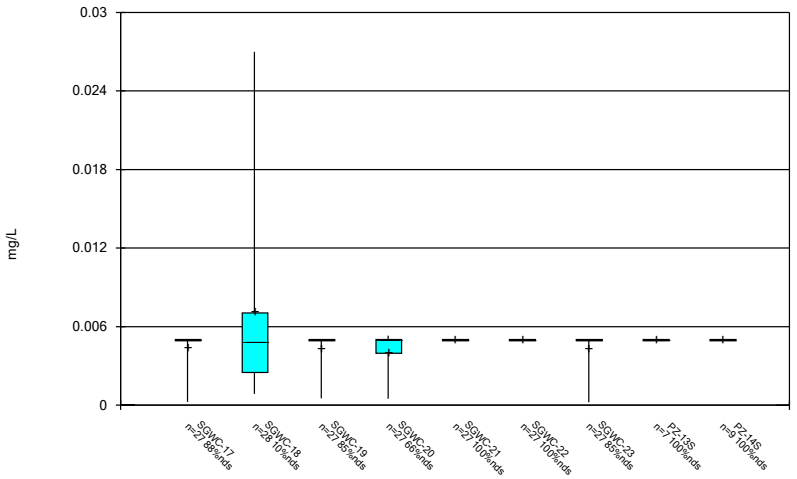


Constituent: Selenium Analysis Run 5/12/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

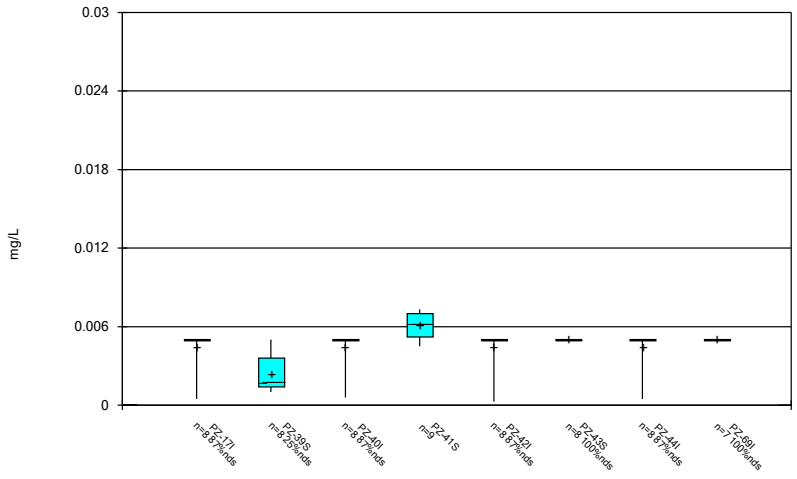


Constituent: Selenium Analysis Run 5/12/2025 10:47 AM

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Box & Whiskers Plot

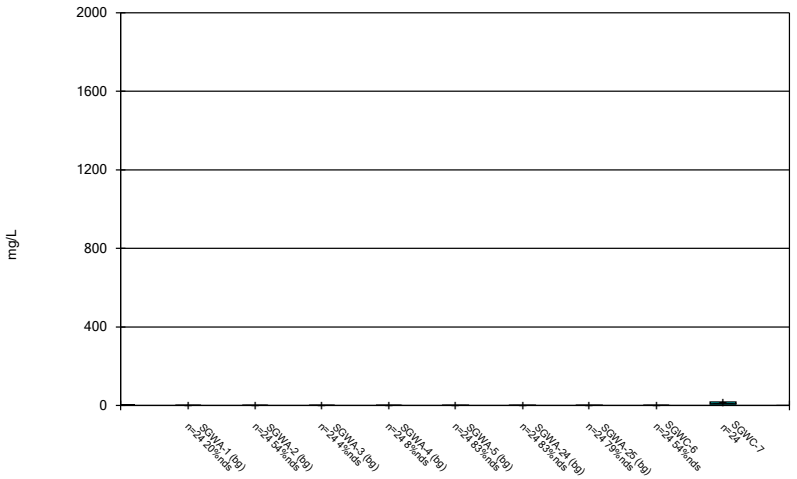


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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

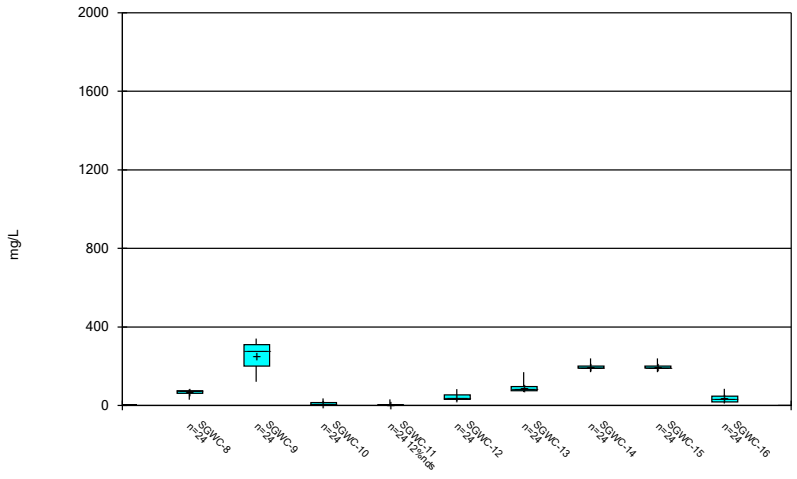


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

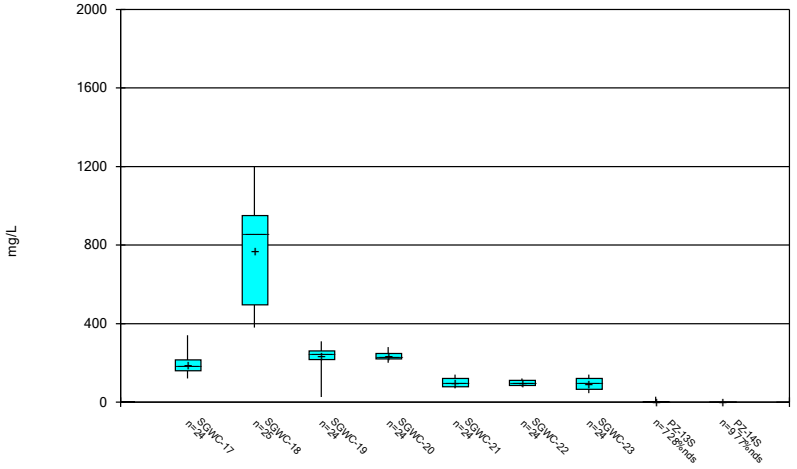


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

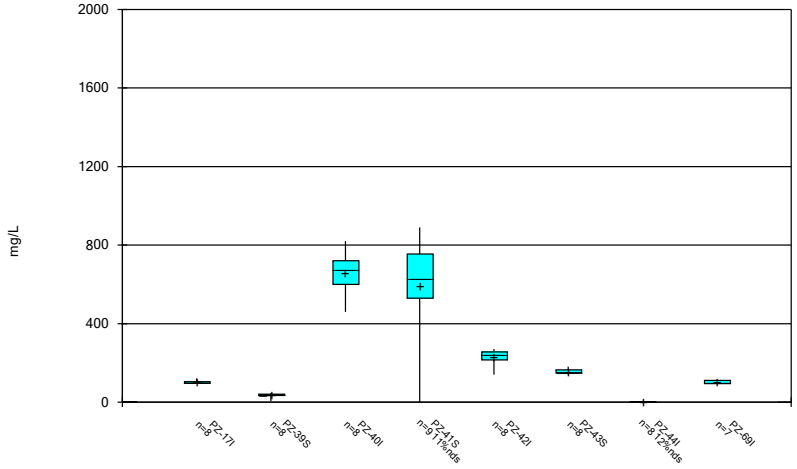


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

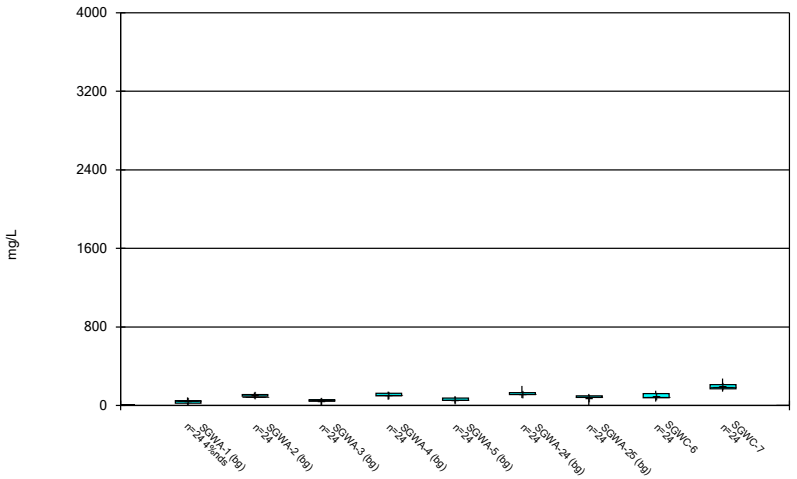


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Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

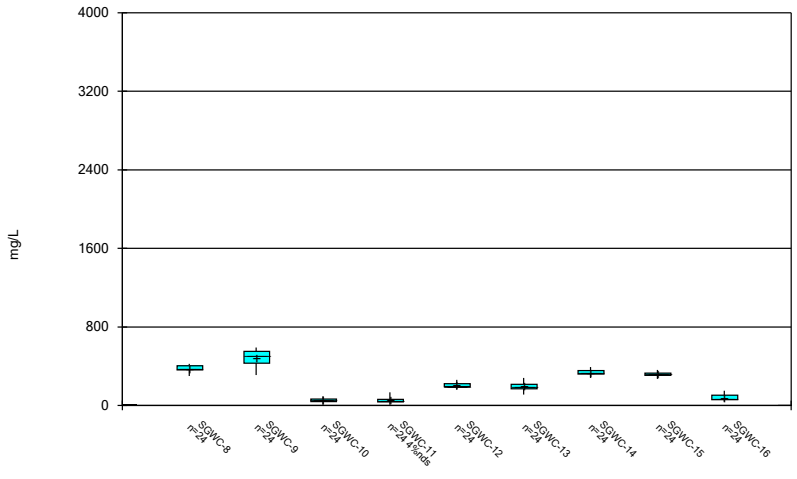


Constituent: TDS Analysis Run 5/12/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

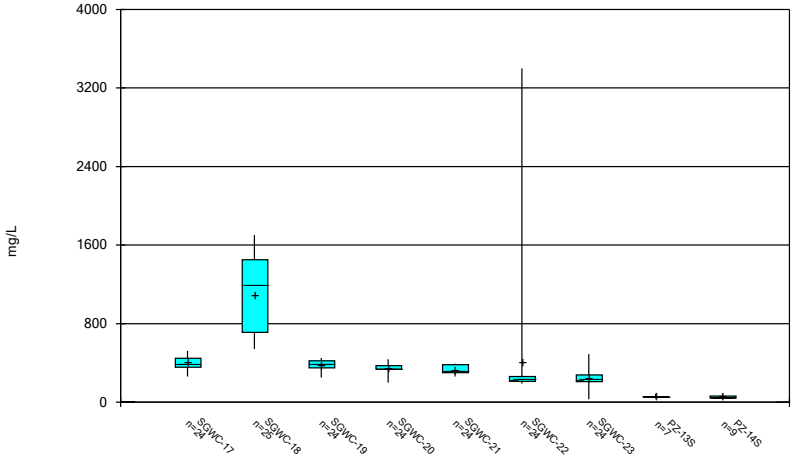


Constituent: TDS Analysis Run 5/12/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

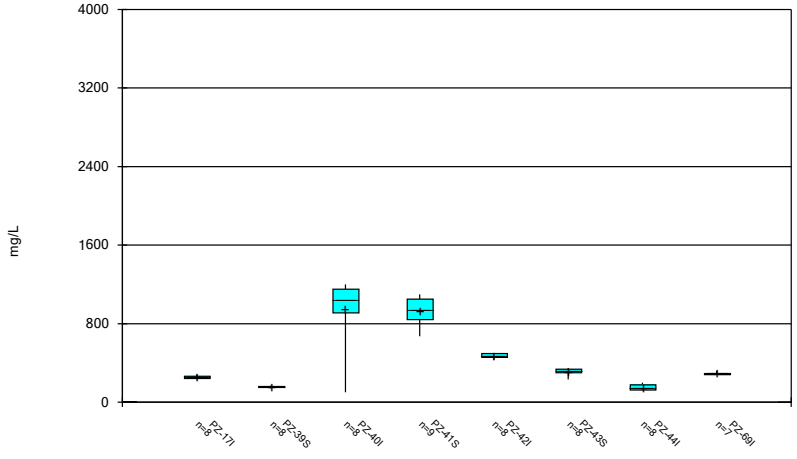


Constituent: TDS Analysis Run 5/12/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

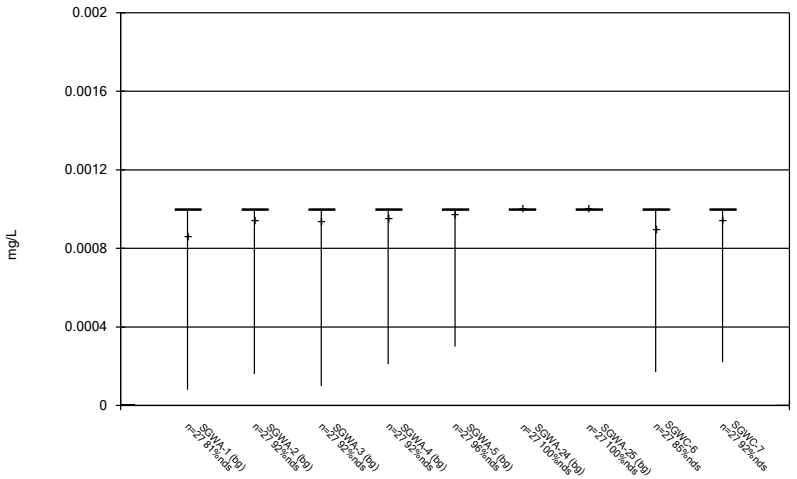


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Box & Whiskers Plot

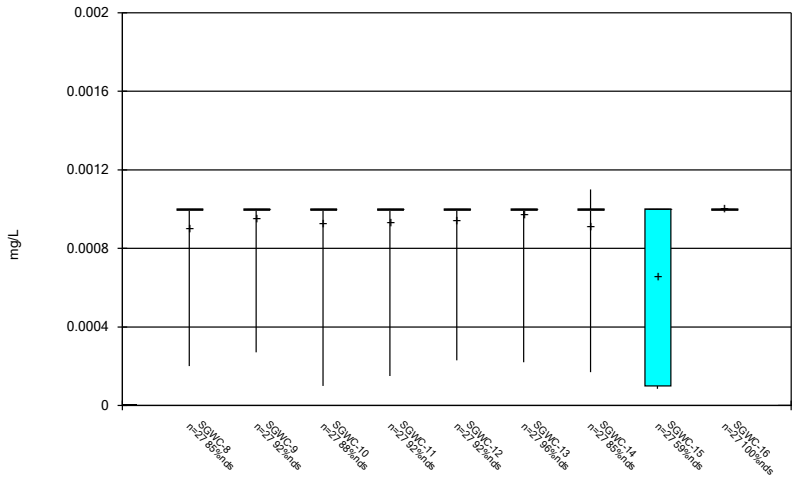


Constituent: Thallium Analysis Run 5/12/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

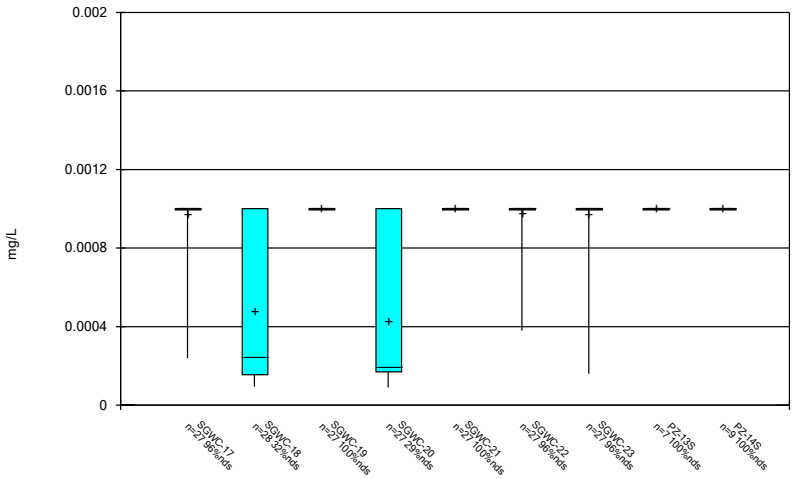


Constituent: Thallium Analysis Run 5/12/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot

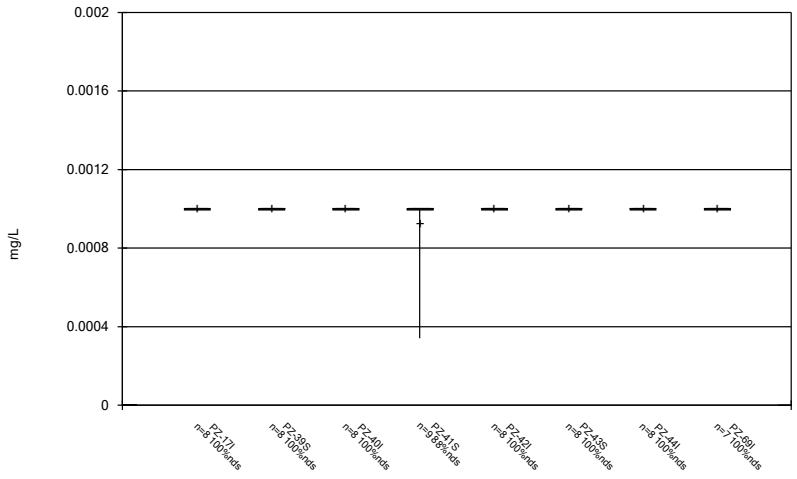


Constituent: Thallium Analysis Run 5/12/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot



Constituent: Thallium Analysis Run 5/12/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer AP

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/18/2025, 10:14 AM

	SGWA-4 Fluoride (mg/L)
2/22/2023	0.6 (O)

Tukey's Outlier Test - Upgradient Wells - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 2:48 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium (mg/L)	**SGWA-1,SGWA-2,SGW...**	**Yes**	**0.0663,0.061,0.061,0.061,0.058,0.058,0.058,0.058,**	**NP**	**NaN**	**189**	**0.03526**	**0.01725**	**x^6**	**ChiSquared**
Calcium (mg/L)	**SGWA-1,SGWA-2,SGW...**	**Yes**	**16,16,16,16,17,17,17,17,17,17,18,18,18,18,18,18,1**	**NP**	**NaN**	**168**	**8.862**	**5.827**	**x^6**	**ChiSquared**
Chloride (mg/L)	**SGWA-1,SGWA-2,SGW...**	**Yes**	**3.45,3.5,3.4,3.4,3.4,3.1,3.1,3,3,3.3,3.6,4.9,2.77**	**NP**	**NaN**	**168**	**1.97**	**0.5727**	**x^6**	**ChiSquared**
Combined Radium 226 + 228 (pCi/L)	**SGWA-1,SGWA-2,SGW...**	**Yes**	**0.522,0.522,0.651,0.751,0.509,0.621,0.765,0.474,0**	**NP**	**NaN**	**189**	**0.2492**	**0.3003**	**x^6**	**ChiSquared**
Fluoride (mg/L)	**SGWA-1,SGWA-2,SGW...**	**Yes**	**0.6**	**NP**	**NaN**	**196**	**0.1418**	**0.07982**	**x^5**	**ChiSquared**
Sulfate (mg/L)	**SGWA-1,SGWA-2,SGW...**	**Yes**	**1.2,1.2,1.2,1.2,1.2,1.2,1.2,2.9,3.2,1.3,1.3,1.3,1**	**NP**	**NaN**	**168**	**1.056**	**0.4698**	**x^6**	**ChiSquared**
TDS (mg/L)	**SGWA-1,SGWA-2,SGW...**	**Yes**	**200,170**	**NP**	**NaN**	**168**	**80.17**	**35.78**	**x^5**	**ChiSquared**

Tukey's Outlier Test - Upgradient Wells - All Results

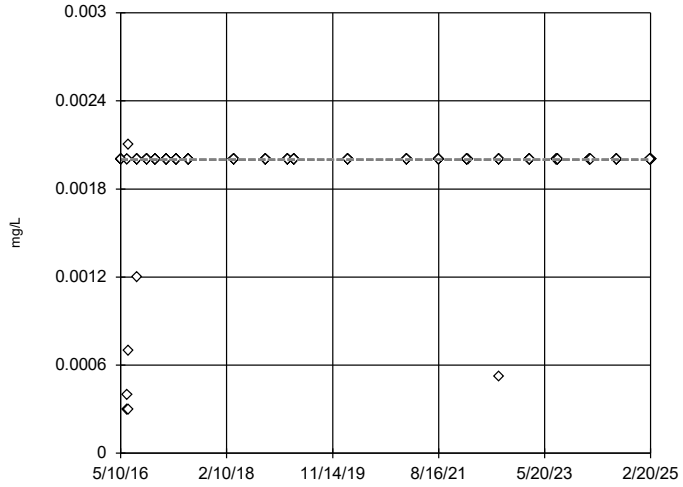
Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 2:48 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	SGWA-1,SGWA-2,SGW...	n/a	n/a	NP	NaN	154	0.001945	0.0002847	unknown	ChiSquared
Arsenic (mg/L)	SGWA-1,SGWA-2,SGW...	n/a	n/a	NP	NaN	189	0.0009673	0.0001331	unknown	ChiSquared
Barium (mg/L)	**SGWA-1,SGWA-2,SGW...**	**Yes**	**0.0663,0.061,0.061,0.061,0.058,0.058,0.058,0.058,**	**NP**	**NaN**	**189**	**0.03526**	**0.01725**	**x^6**	**ChiSquared**
Beryllium (mg/L)	SGWA-1,SGWA-2,SGW...	n/a	n/a	NP	NaN	189	0.002337	0.0005787	unknown	ChiSquared
Boron (mg/L)	SGWA-1,SGWA-2,SGW...	n/a	n/a	NP	NaN	168	0.0768	0.01707	unknown	ChiSquared
Cadmium (mg/L)	SGWA-1,SGWA-2,SGW...	n/a	n/a	NP	NaN	182	0.002479	0.0002019	unknown	ChiSquared
Calcium (mg/L)	**SGWA-1,SGWA-2,SGW...**	**Yes**	**16,16,16,16,17,17,17,17,17,17,18,18,18,18,18,18,1**	**NP**	**NaN**	**168**	**8.862**	**5.827**	**x^6**	**ChiSquared**
Chloride (mg/L)	**SGWA-1,SGWA-2,SGW...**	**Yes**	**3.45,3.5,3.4,3.4,3.4,3.1,3.1,3,3,3.3,3.6,4.9,2.77**	**NP**	**NaN**	**168**	**1.97**	**0.5727**	**x^6**	**ChiSquared**
Chromium (mg/L)	SGWA-1,SGWA-2,SGW...	n/a	n/a	NP	NaN	196	0.006424	0.005936	unknown	ChiSquared
Cobalt (mg/L)	SGWA-1,SGWA-2,SGW...	n/a	n/a	NP	NaN	189	0.003306	0.003634	unknown	ChiSquared
Combined Radium 226 + 228 (pCi/L)	**SGWA-1,SGWA-2,SGW...**	**Yes**	**0.522,0.522,0.651,0.751,0.509,0.621,0.765,0.474,0**	**NP**	**NaN**	**189**	**0.2492**	**0.3003**	**x^6**	**ChiSquared**
Fluoride (mg/L)	**SGWA-1,SGWA-2,SGW...**	**Yes**	**0.6**	**NP**	**NaN**	**196**	**0.1418**	**0.07982**	**x^5**	**ChiSquared**
Lead (mg/L)	SGWA-1,SGWA-2,SGW...	n/a	n/a	NP	NaN	189	0.0009542	0.0001858	unknown	ChiSquared
Lithium (mg/L)	SGWA-1,SGWA-2,SGW...	n/a	n/a	NP	NaN	189	0.00455	0.001127	unknown	ChiSquared
Mercury (mg/L)	SGWA-1,SGWA-2,SGW...	n/a	n/a	NP	NaN	191	0.0001961	0.0000332	unknown	ChiSquared
Molybdenum (mg/L)	SGWA-1,SGWA-2,SGW...	n/a	n/a	NP	NaN	182	0.0141	0.003408	unknown	ChiSquared
pH, Field (SU)	SGWA-1,SGWA-2,SGW...	No	n/a	NP	NaN	205	6.049	0.4901	x^6	ChiSquared
Selenium (mg/L)	SGWA-1,SGWA-2,SGW...	n/a	n/a	NP	NaN	189	0.004682	0.001174	unknown	ChiSquared
Sulfate (mg/L)	**SGWA-1,SGWA-2,SGW...**	**Yes**	**1.2,1.2,1.2,1.2,1.2,1.2,1.2,2.9,3.2,1.3,1.3,1.3,1**	**NP**	**NaN**	**168**	**1.056**	**0.4698**	**x^6**	**ChiSquared**
TDS (mg/L)	**SGWA-1,SGWA-2,SGW...**	**Yes**	**200,170**	**NP**	**NaN**	**168**	**80.17**	**35.78**	**x^5**	**ChiSquared**
Thallium (mg/L)	SGWA-1,SGWA-2,SGW...	n/a	n/a	NP	NaN	189	0.0009542	0.0001801	unknown	ChiSquared

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 154

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

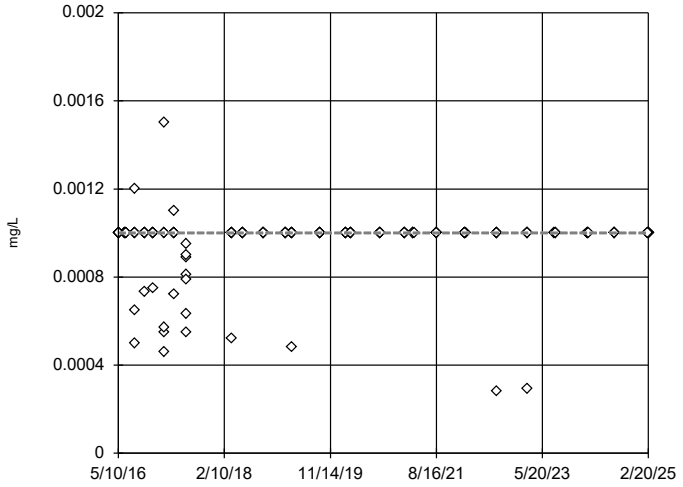
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 189

No outliers found.
Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

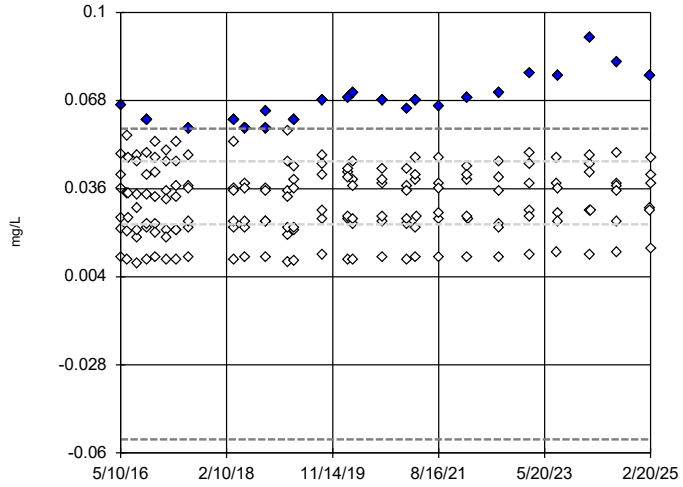
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 189

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

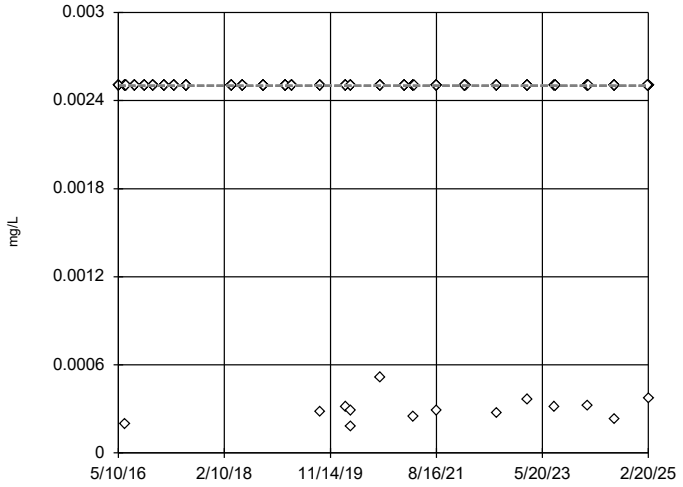
High cutoff = 0.05784, low cutoff = -0.05505, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 189

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

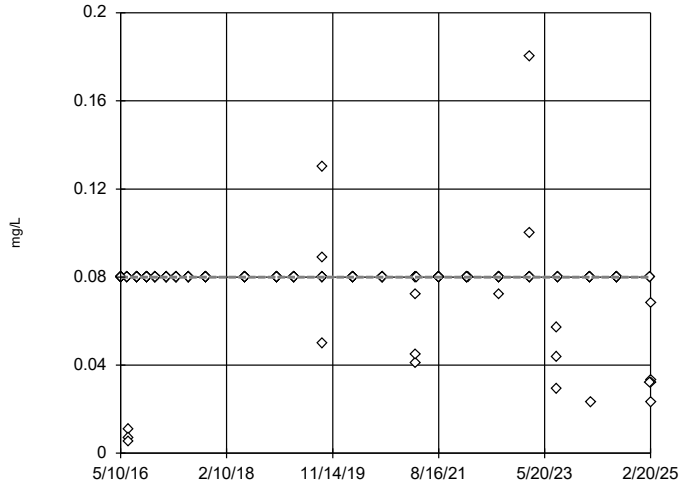
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 168

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

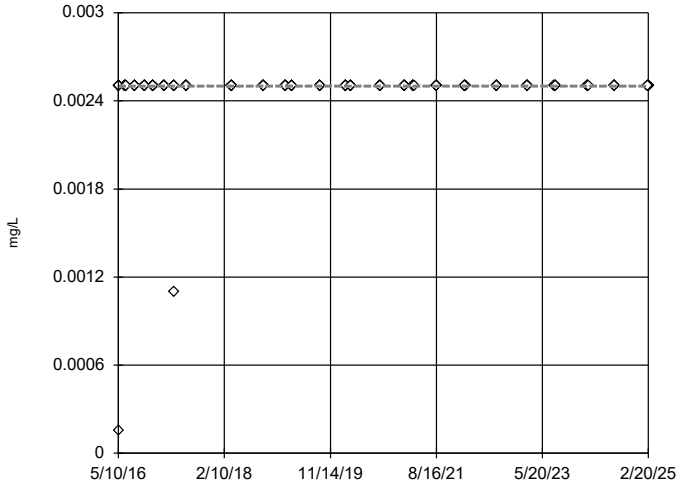
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 182

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

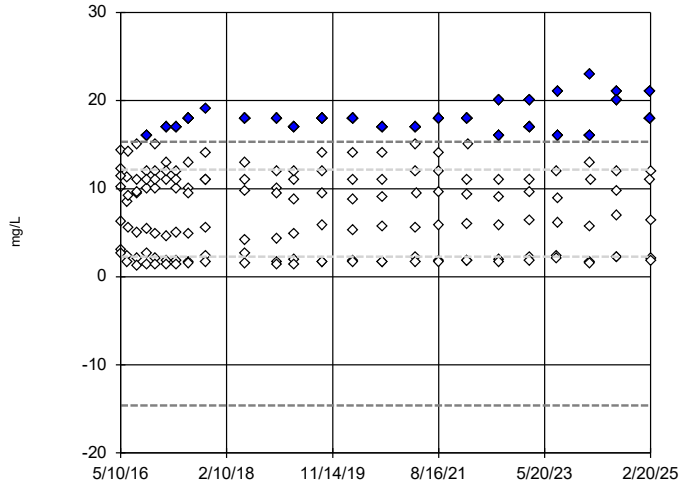
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 168

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

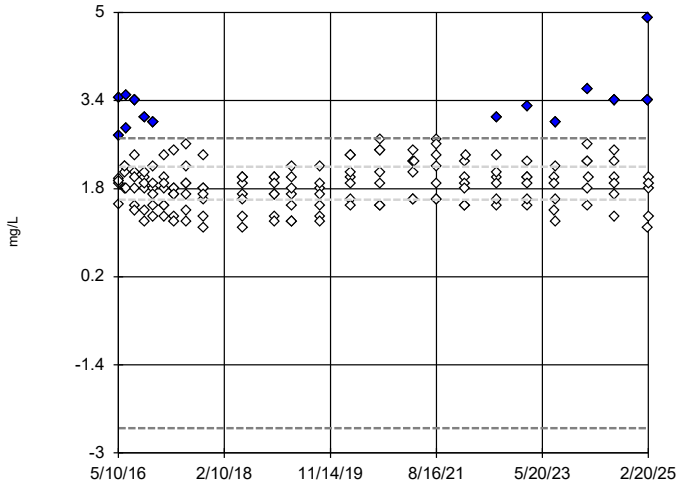
High cutoff = 15.31, low cutoff = -14.6, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 168

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

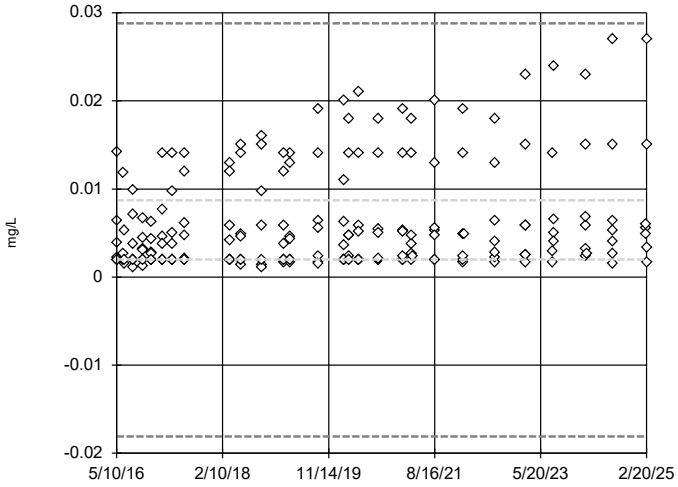
High cutoff = 2.718, low cutoff = -2.547, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 196

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

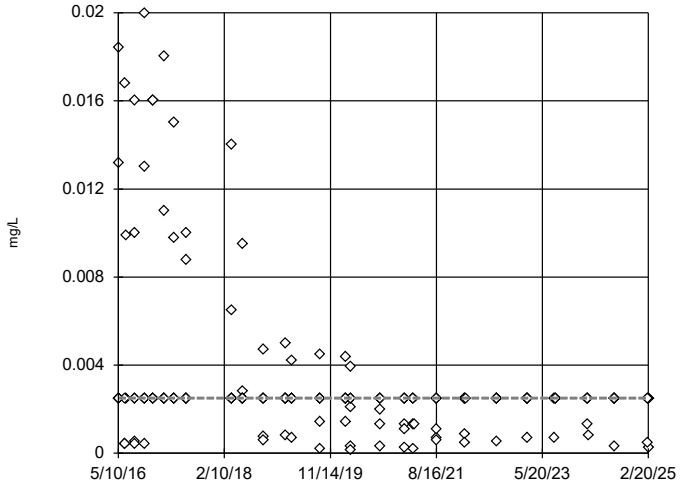
The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Chromium Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 189

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

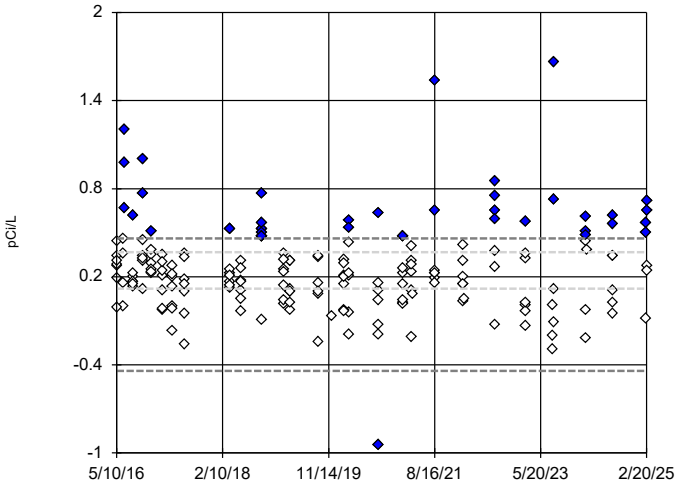
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 189

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

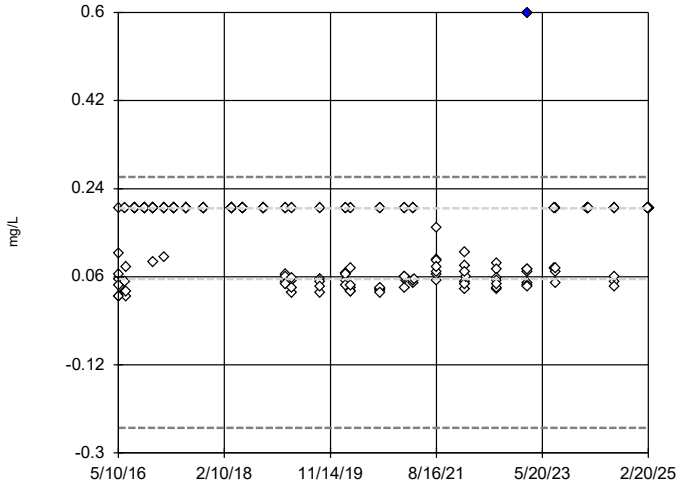
High cutoff = 0.4619, low cutoff = -0.4402, based on IQR multiplier of 3.

Constituent: Combined Radium 226 + 228 Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 196

Outlier is drawn as solid.
Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

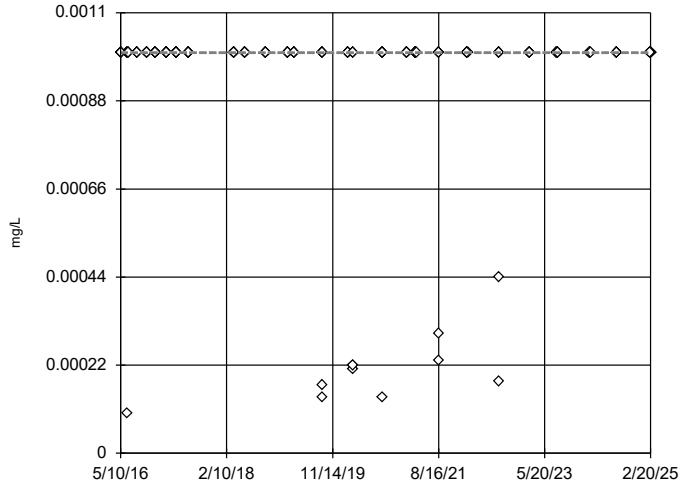
High cutoff = 0.2638, low cutoff = -0.249, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 189

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

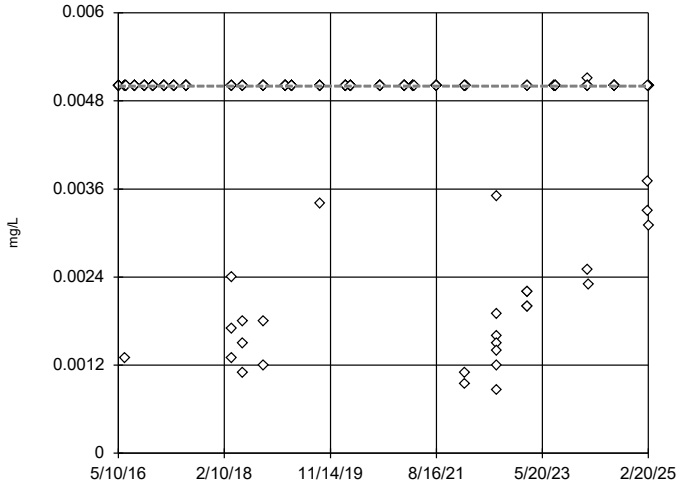
Constituent: Lead Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient

Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 189

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

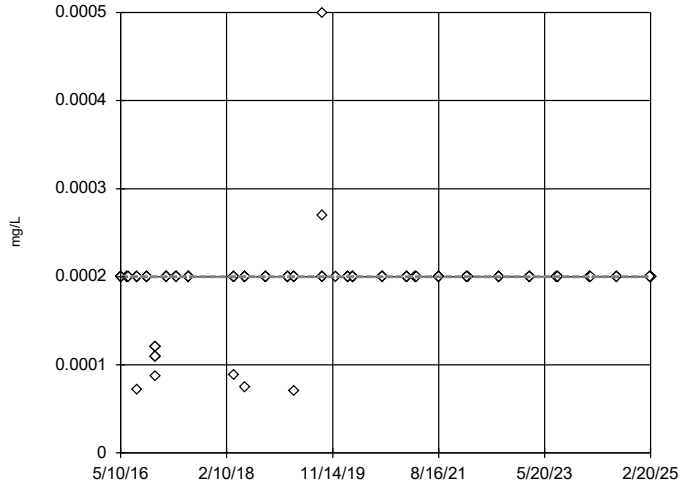
Constituent: Lithium Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient

Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 191

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

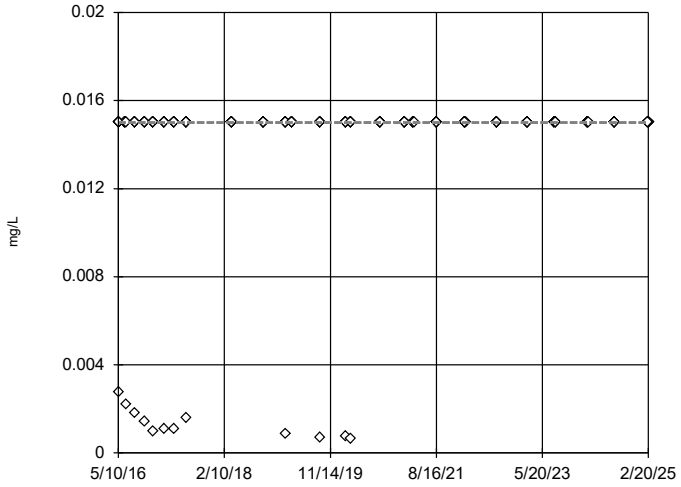
Constituent: Mercury Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient

Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 182

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

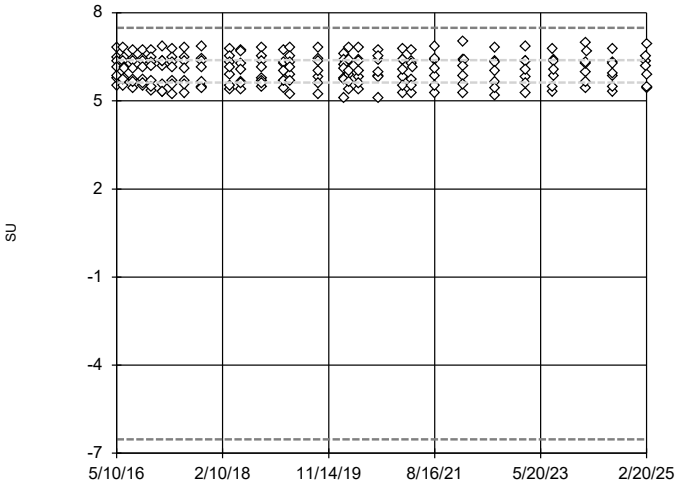
Constituent: Molybdenum Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient

Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 205

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

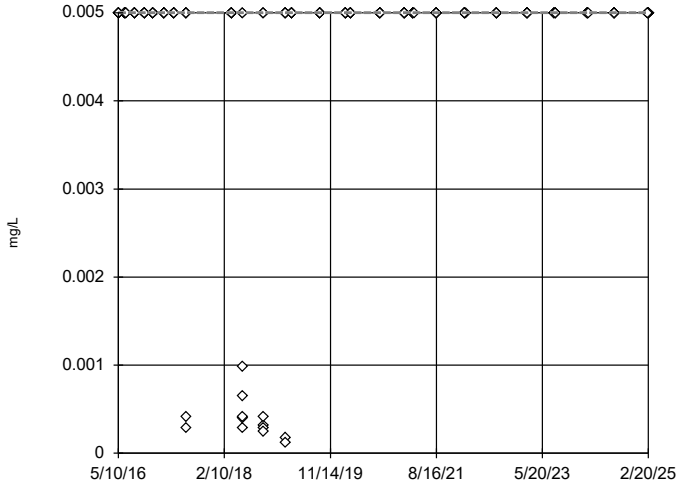
High cutoff = 7.49, low cutoff = -6.526, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 189

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

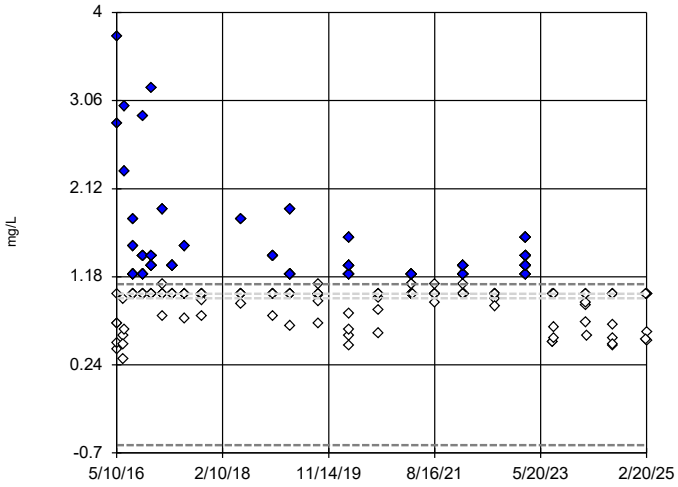
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 168

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

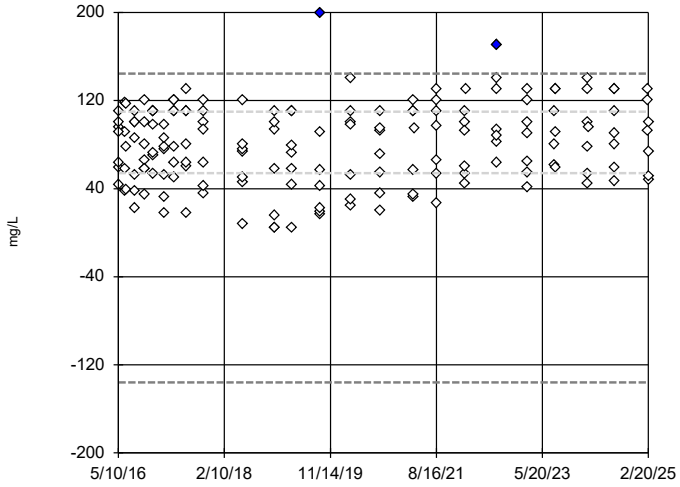
High cutoff = 1.102, low cutoff = -0.6162, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 168

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

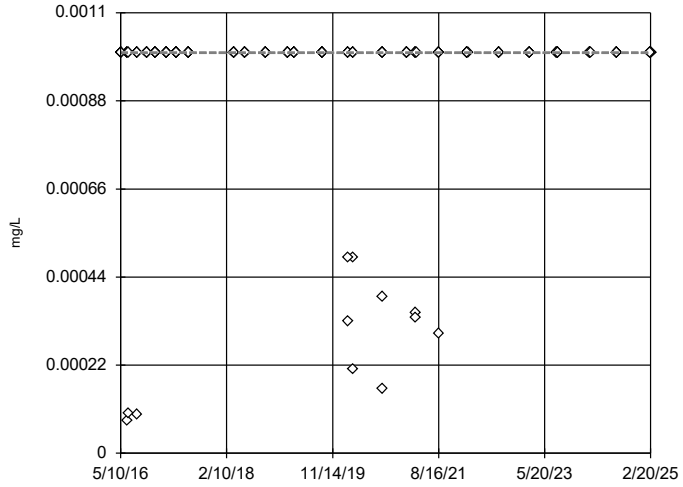
High cutoff = 144.5, low cutoff = -136, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient
Plant Scherer Client: Southern Company Data: Scherer AP

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Tukey's Outlier Screening, Pooled Background

SGWA-1,SGWA-2,SGWA-3,SGWA-4,SGWA-5,SG...



n = 189

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 5/8/2025 2:42 PM View: Outliers - Upgradient

Plant Scherer Client: Southern Company Data: Scherer AP

FIGURE D.

Appendix III Trend Tests - Upgradient Wells - Significant Results

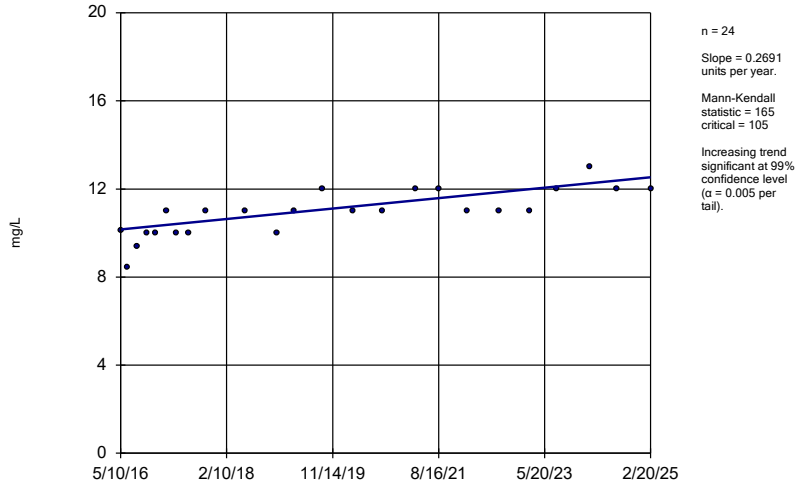
Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:08 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Calcium (mg/L)	**SGWA-2 (bg)**	**0.2691**	**165**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-3 (bg)**	**0.1577**	**118**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-4 (bg)**	**0.6836**	**188**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-5 (bg)**	**0.05152**	**128**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-24 (bg)**	**0.6716**	**205**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWA-3 (bg)**	**-0.102**	**-115**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWA-24 (bg)**	**0.1828**	**146**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**SGWA-3 (bg)**	**0.01976**	**148**	**139**	**Yes**	**29**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**SGWA-4 (bg)**	**-0.01901**	**-171**	**-139**	**Yes**	**29**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWA-3 (bg)**	**-0.128**	**-144**	**-105**	**Yes**	**24**	**4.167**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWA-4 (bg)**	**-0.1188**	**-146**	**-105**	**Yes**	**24**	**8.333**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**SGWA-4 (bg)**	**4.811**	**142**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**

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Sen's Slope Estimator

SGWA-2 (bg)



n = 24

Slope = 0.2691 units per year.

Mann-Kendall statistic = 165 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

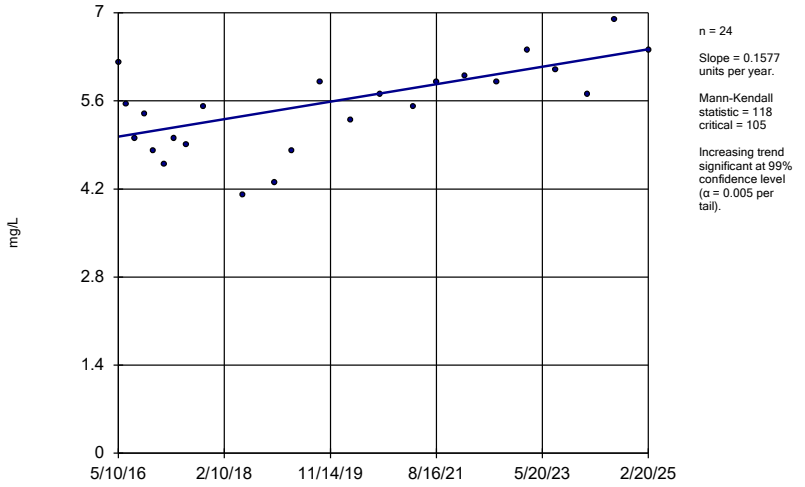
Constituent: Calcium Analysis Run 4/17/2025 11:07 AM View: Appendix III Upgradient Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-3 (bg)



n = 24

Slope = 0.1577 units per year.

Mann-Kendall statistic = 118 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

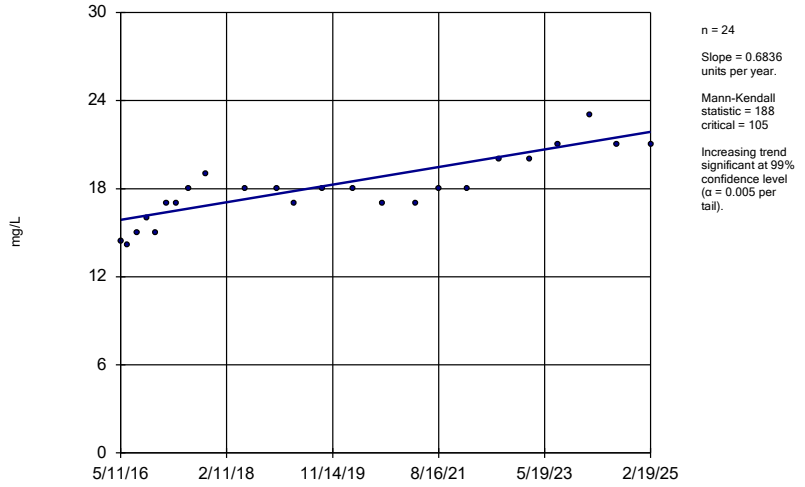
Constituent: Calcium Analysis Run 4/17/2025 11:07 AM View: Appendix III Upgradient Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-4 (bg)



n = 24

Slope = 0.6836 units per year.

Mann-Kendall statistic = 188 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

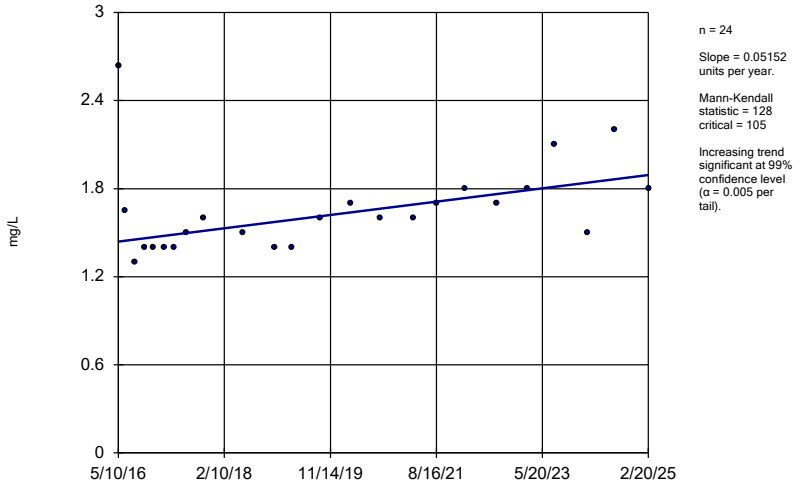
Constituent: Calcium Analysis Run 4/17/2025 11:07 AM View: Appendix III Upgradient Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-5 (bg)



n = 24

Slope = 0.05152 units per year.

Mann-Kendall statistic = 128 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

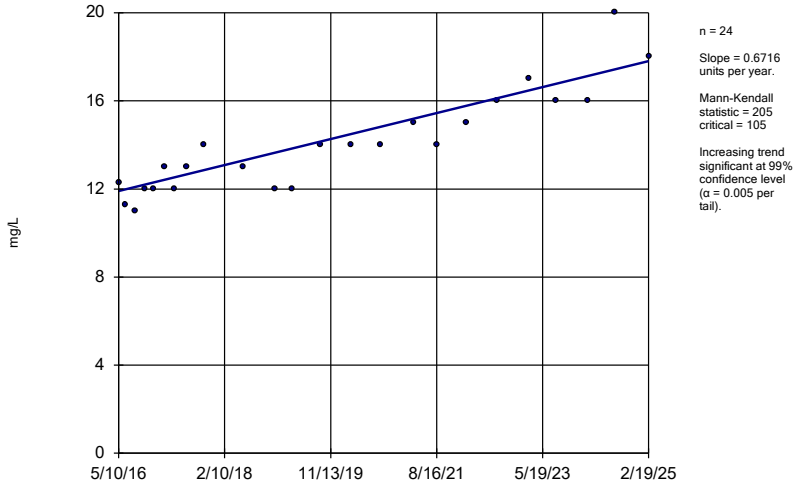
Constituent: Calcium Analysis Run 4/17/2025 11:07 AM View: Appendix III Upgradient Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-24 (bg)



n = 24

Slope = 0.6716 units per year.

Mann-Kendall statistic = 205
critical = 105

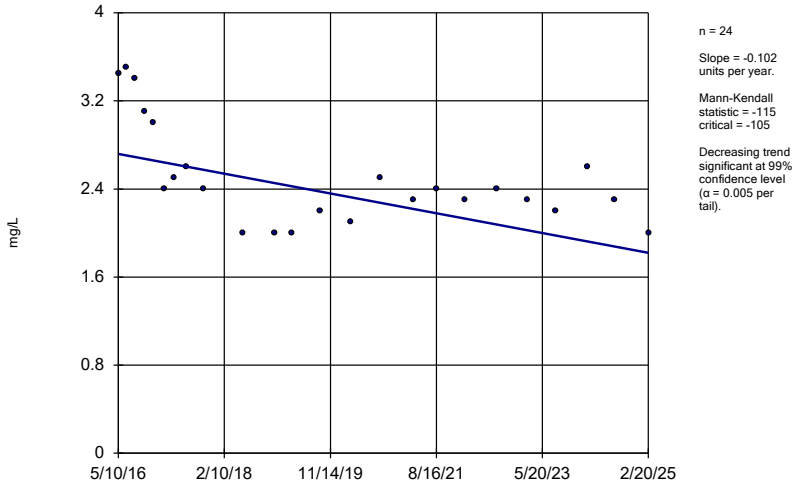
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/17/2025 11:07 AM View: Appendix III Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-3 (bg)



n = 24

Slope = -0.102 units per year.

Mann-Kendall statistic = -115
critical = -105

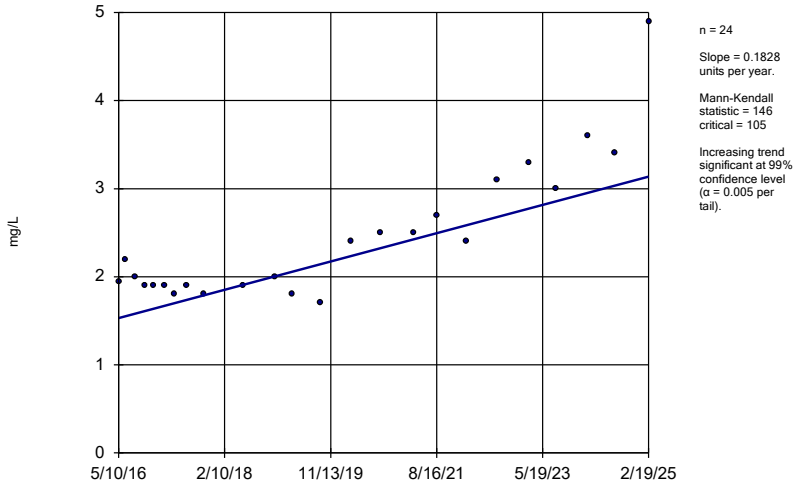
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/17/2025 11:07 AM View: Appendix III Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-24 (bg)



n = 24

Slope = 0.1828 units per year.

Mann-Kendall statistic = 146
critical = 105

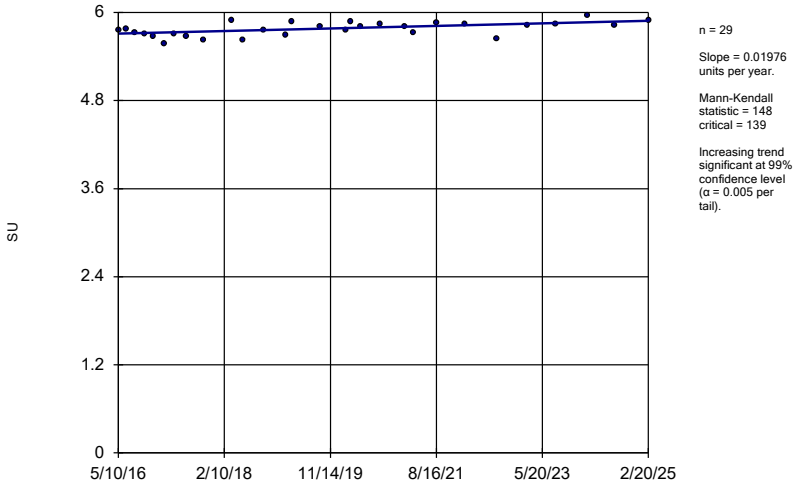
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/17/2025 11:07 AM View: Appendix III Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-3 (bg)



n = 29

Slope = 0.01976 units per year.

Mann-Kendall statistic = 148
critical = 139

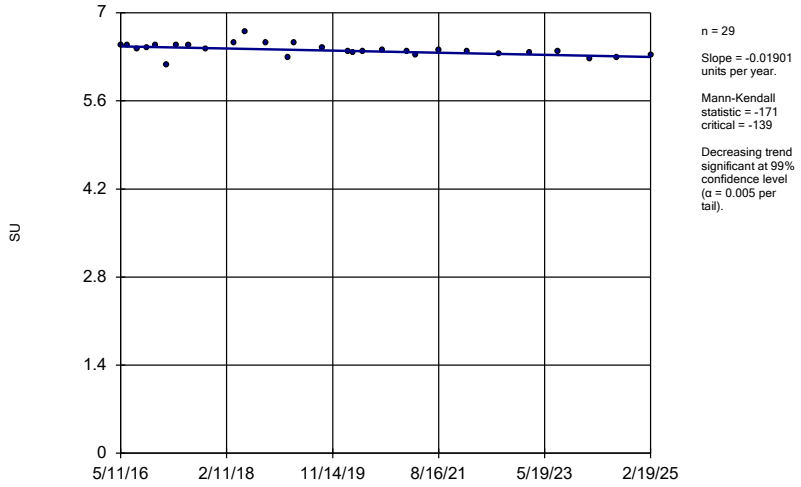
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/17/2025 11:08 AM View: Appendix III Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-4 (bg)



n = 29

Slope = -0.01901 units per year.

Mann-Kendall statistic = -171
critical = -139

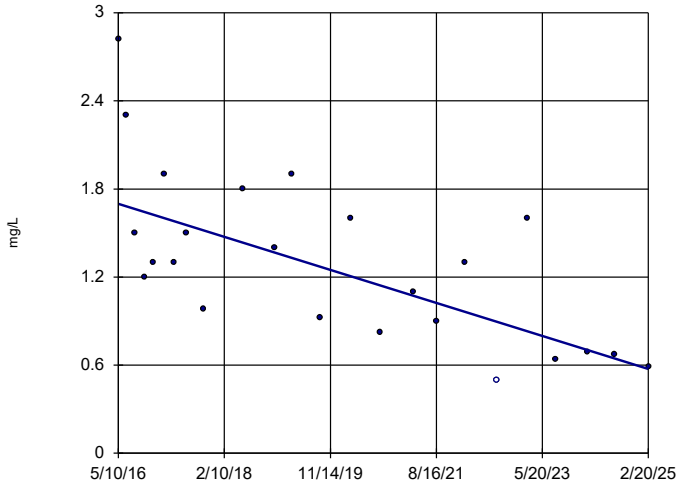
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/17/2025 11:08 AM View: Appendix III Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-3 (bg)



n = 24

Slope = -0.128 units per year.

Mann-Kendall statistic = -144
critical = -105

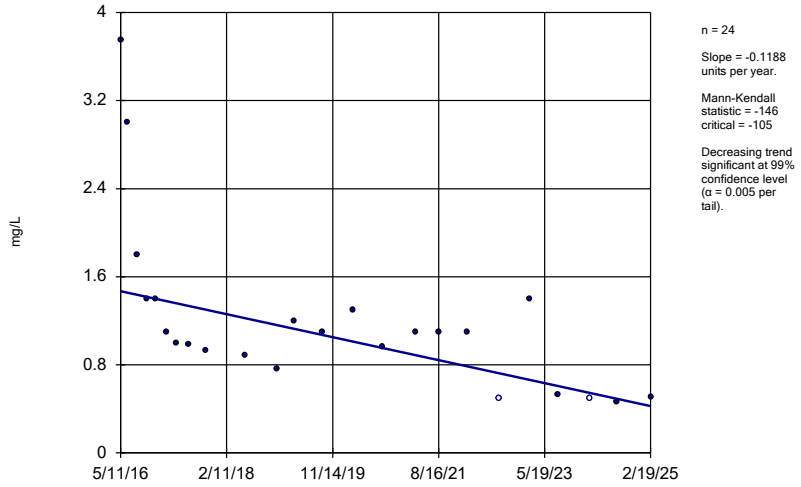
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:08 AM View: Appendix III Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-4 (bg)



n = 24

Slope = -0.1188 units per year.

Mann-Kendall statistic = -146
critical = -105

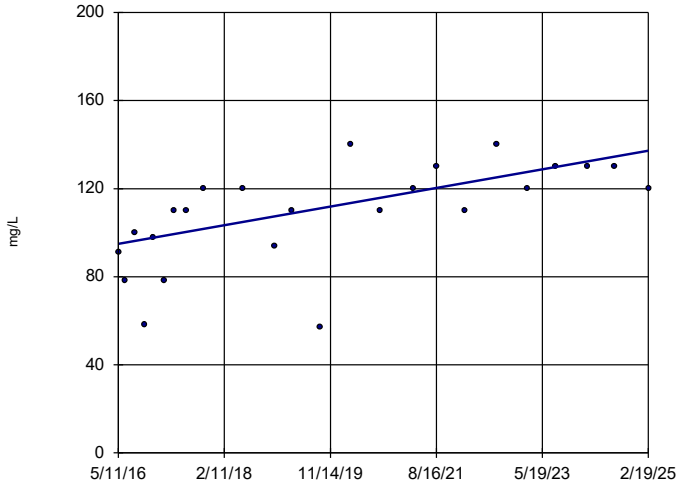
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:08 AM View: Appendix III Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-4 (bg)



n = 24

Slope = 4.811 units per year.

Mann-Kendall statistic = 142
critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/17/2025 11:08 AM View: Appendix III Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

Appendix IV Trend Tests - Upgradient Wells - Significant Results

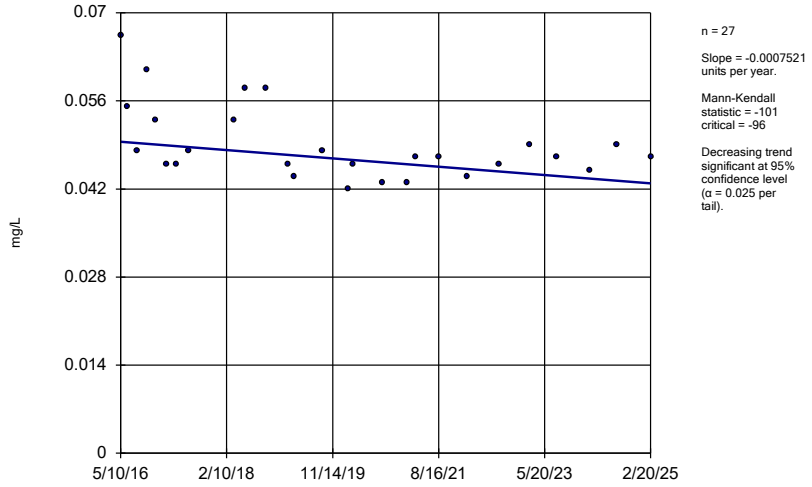
Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 2:51 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium (mg/L)	**SGWA-1 (bg)**	**-0.0007521**	**-101**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Barium (mg/L)	**SGWA-3 (bg)**	**0.0007521**	**167**	**96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Barium (mg/L)	**SGWA-4 (bg)**	**0.004152**	**281**	**96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Barium (mg/L)	**SGWA-5 (bg)**	**0.0002816**	**146**	**96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Barium (mg/L)	**SGWA-24 (bg)**	**0.0008921**	**218**	**96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Barium (mg/L)	**SGWA-25 (bg)**	**0.0004906**	**131**	**96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Beryllium (mg/L)	**SGWA-1 (bg)**	**-0.00002045**	**-116**	**-96**	**Yes**	**27**	**51.85**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**SGWA-2 (bg)**	**0.0001642**	**119**	**101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**SGWA-3 (bg)**	**0.002354**	**300**	**101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**SGWA-4 (bg)**	**0.0002901**	**148**	**101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Chromium (mg/L)	**SGWA-24 (bg)**	**0.0002851**	**211**	**101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWA-1 (bg)**	**-0.001701**	**-260**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWA-25 (bg)**	**-0.001657**	**-263**	**-96**	**Yes**	**27**	**14.81**	**n/a**	**0.05**	**NP**

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Sen's Slope Estimator

SGWA-1 (bg)



n = 27

Slope = -0.0007521 units per year.

Mann-Kendall statistic = -101
critical = -96

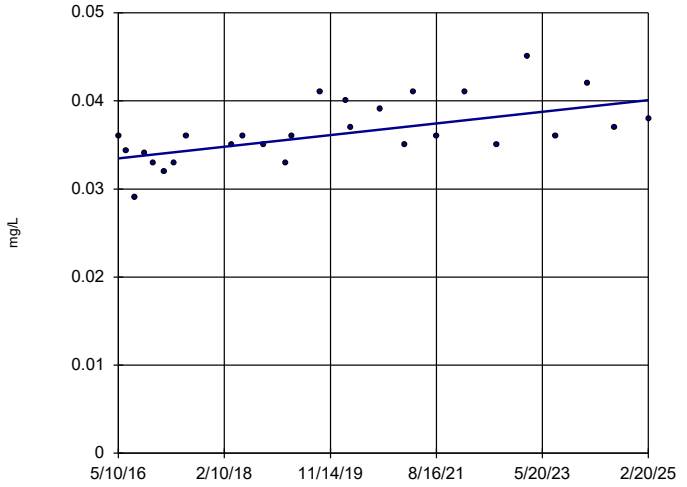
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Barium Analysis Run 5/8/2025 2:49 PM View: Appendix IV Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-3 (bg)



n = 27

Slope = 0.0007521 units per year.

Mann-Kendall statistic = 167
critical = 96

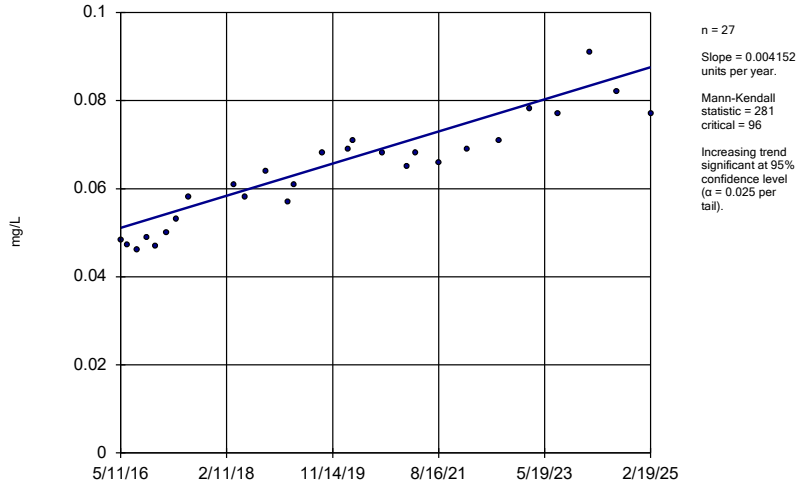
Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Barium Analysis Run 5/8/2025 2:49 PM View: Appendix IV Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

SGWA-4 (bg)



n = 27

Slope = 0.004152 units per year.

Mann-Kendall statistic = 281
critical = 96

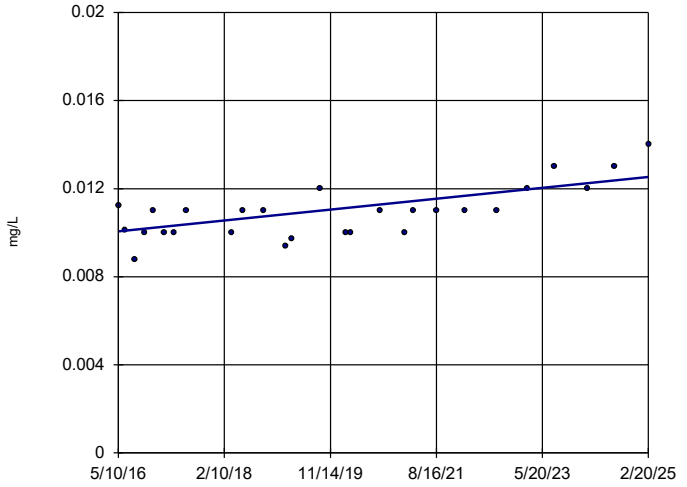
Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Barium Analysis Run 5/8/2025 2:49 PM View: Appendix IV Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

SGWA-5 (bg)



n = 27

Slope = 0.0002816 units per year.

Mann-Kendall statistic = 146
critical = 96

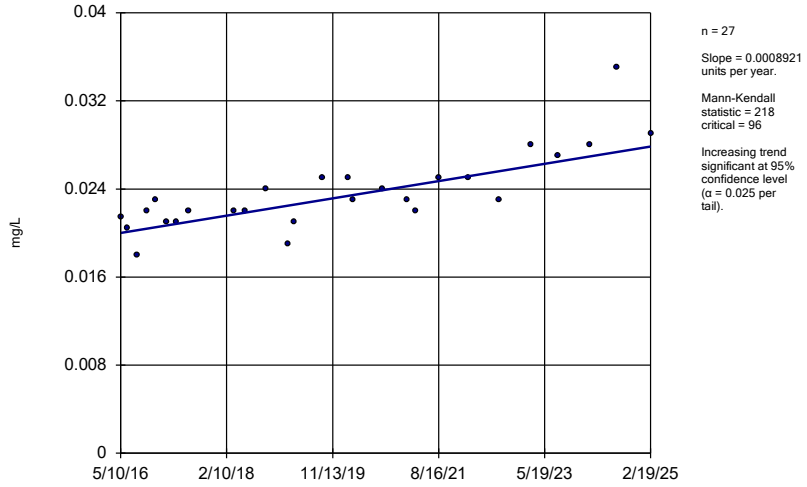
Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Barium Analysis Run 5/8/2025 2:49 PM View: Appendix IV Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-24 (bg)



n = 27

Slope = 0.0008921 units per year.

Mann-Kendall statistic = 218
critical = 96

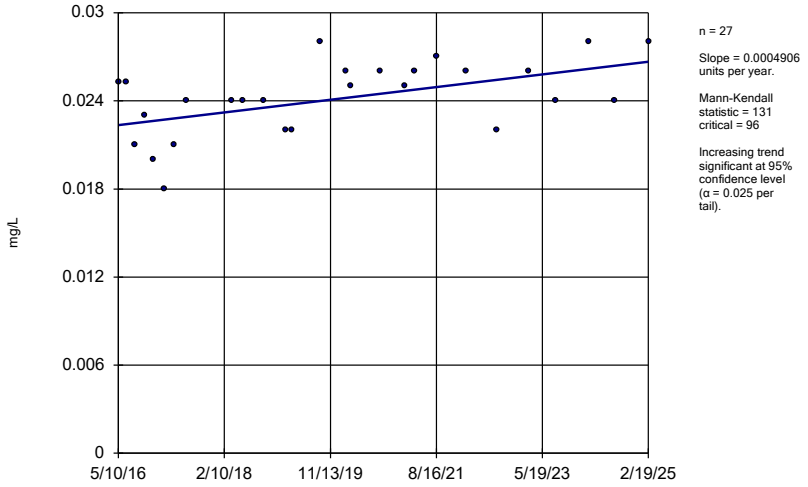
Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Barium Analysis Run 5/8/2025 2:49 PM View: Appendix IV Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-25 (bg)



n = 27

Slope = 0.0004906 units per year.

Mann-Kendall statistic = 131
critical = 96

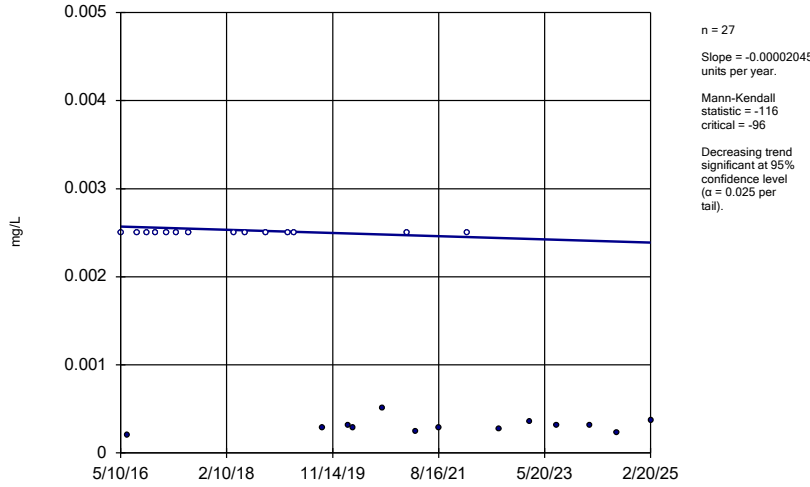
Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Barium Analysis Run 5/8/2025 2:49 PM View: Appendix IV Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-1 (bg)



n = 27

Slope = -0.00002045 units per year.

Mann-Kendall statistic = -116
critical = -96

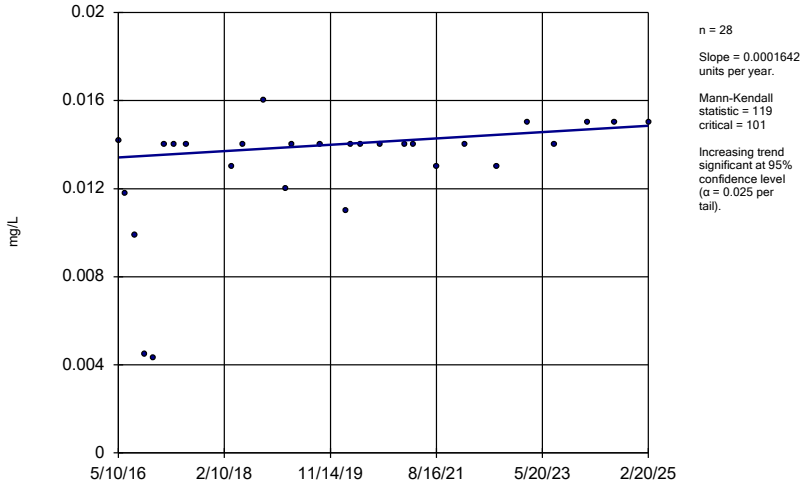
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 5/8/2025 2:49 PM View: Appendix IV Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-2 (bg)



n = 28

Slope = 0.0001642 units per year.

Mann-Kendall statistic = 119
critical = 101

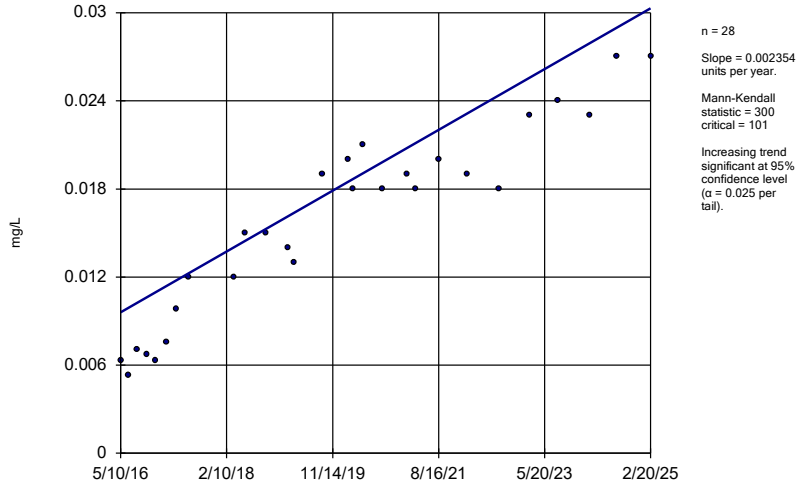
Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chromium Analysis Run 5/8/2025 2:49 PM View: Appendix IV Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-3 (bg)



n = 28

Slope = 0.002354 units per year.

Mann-Kendall statistic = 300 critical = 101

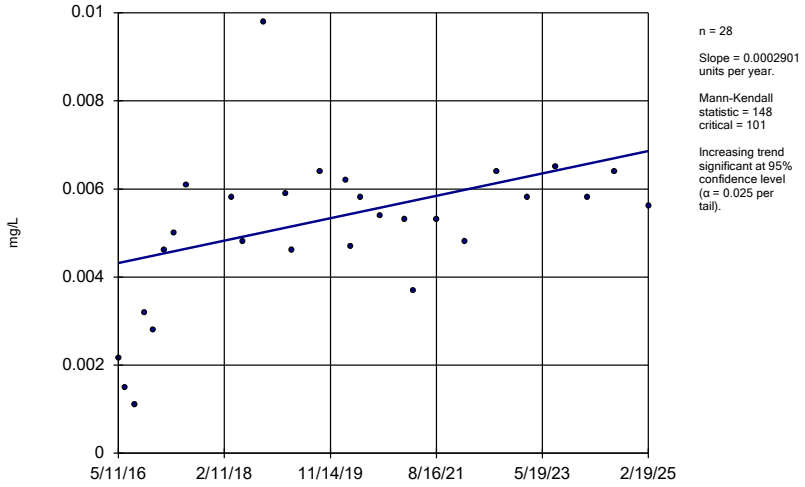
Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chromium Analysis Run 5/8/2025 2:49 PM View: Appendix IV Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-4 (bg)



n = 28

Slope = 0.0002901 units per year.

Mann-Kendall statistic = 148 critical = 101

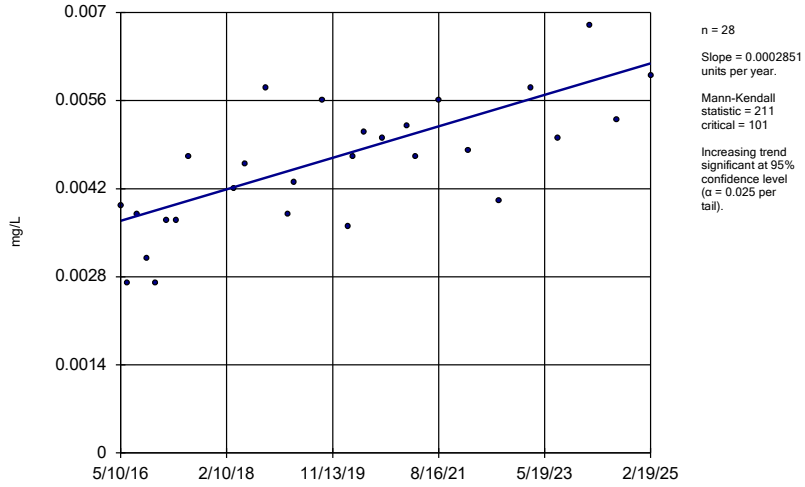
Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chromium Analysis Run 5/8/2025 2:49 PM View: Appendix IV Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-24 (bg)



n = 28

Slope = 0.0002851 units per year.

Mann-Kendall statistic = 211 critical = 101

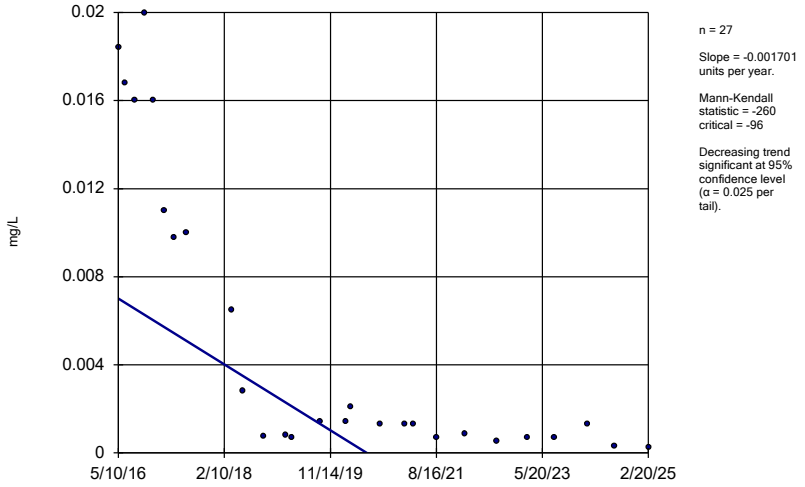
Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Chromium Analysis Run 5/8/2025 2:49 PM View: Appendix IV Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-1 (bg)



n = 27

Slope = -0.001701 units per year.

Mann-Kendall statistic = -260 critical = -96

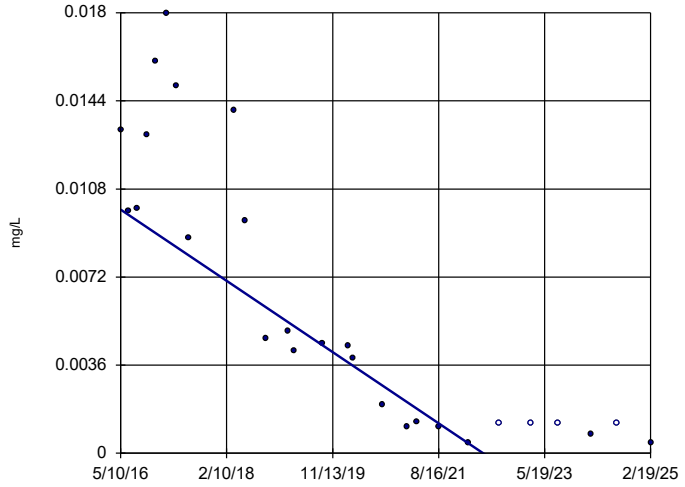
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 5/8/2025 2:49 PM View: Appendix IV Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-25 (bg)



n = 27

Slope = -0.001657 units per year.

Mann-Kendall statistic = -263
critical = -96

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 5/8/2025 2:49 PM View: Appendix IV Upgradient Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

Cobalt SGWA-1 & SGWA-25 Trend Test - Truncated Records - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:18 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Cobalt (mg/L)	**SGWA-1 (bg)**	**-0.00009099**	**-54**	**-49**	**Yes**	**17**	**0**	**n/a**	**0.05**	**NP**

Cobalt SGWA-1 & SGWA-25 Trend Test - Truncated Records - All Results

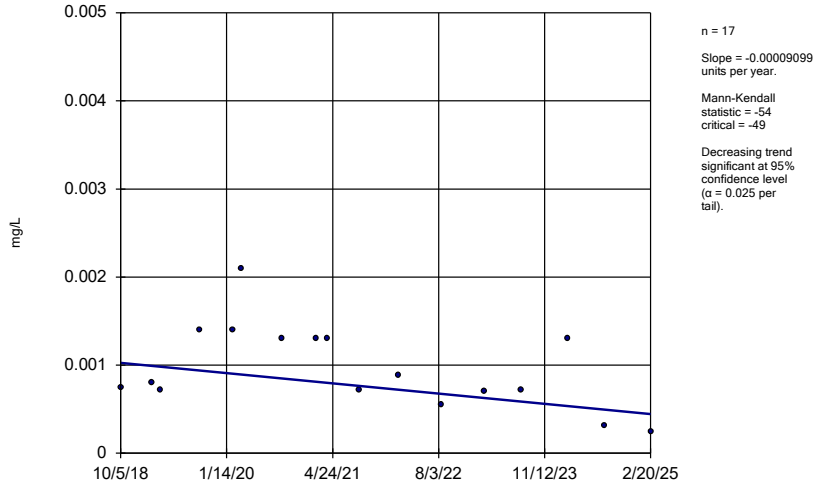
Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:18 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Cobalt (mg/L)	**SGWA-1 (bg)**	**-0.00009099**	**-54**	**-49**	**Yes**	**17**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	SGWA-25 (bg)	0	-1	-27	No	11	36.36	n/a	0.05	NP

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Sen's Slope Estimator

SGWA-1 (bg)



n = 17

Slope = -0.00009099 units per year.

Mann-Kendall statistic = -54
critical = -49

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

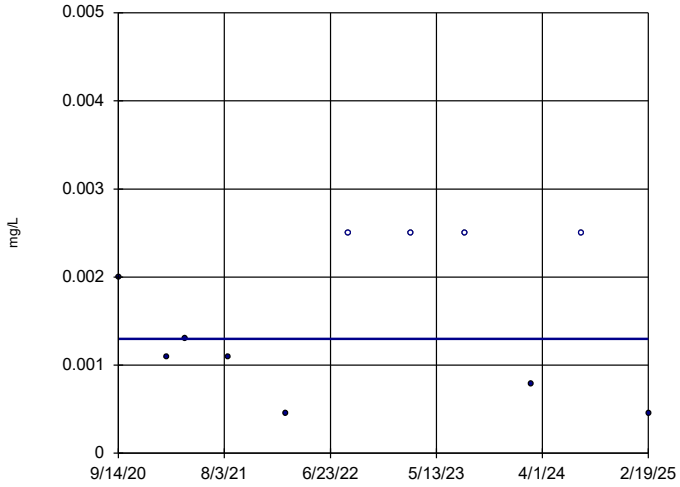
Constituent: Cobalt Analysis Run 5/8/2025 5:17 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-25 (bg)



n = 11

Slope = 0 units per year.

Mann-Kendall statistic = -1
critical = -27

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 5/8/2025 5:17 PM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

FIGURE E.

Appendix III Interwell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:18 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	SGWC-9	0.18	n/a	2/19/2025	1.4	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-10	0.18	n/a	2/19/2025	0.31	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-11	0.18	n/a	2/20/2025	0.87	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-13	0.18	n/a	2/19/2025	0.96	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-14	0.18	n/a	2/19/2025	1.6	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-15	0.18	n/a	2/20/2025	1.3	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-16	0.18	n/a	2/19/2025	0.88	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-17	0.18	n/a	2/19/2025	0.39	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-18	0.18	n/a	2/21/2025	5.5	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-19	0.18	n/a	2/21/2025	2	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-20	0.18	n/a	2/20/2025	1.9	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-21	0.18	n/a	2/20/2025	1.3	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-22	0.18	n/a	2/20/2025	0.52	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-23	0.18	n/a	2/21/2025	0.35	Yes	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Calcium (mg/L)	SGWC-8	23	n/a	2/19/2025	39	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-9	23	n/a	2/19/2025	29	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-12	23	n/a	2/19/2025	25	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-13	23	n/a	2/19/2025	31	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-14	23	n/a	2/19/2025	37	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-17	23	n/a	2/19/2025	79	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-18	23	n/a	2/21/2025	37	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-19	23	n/a	2/21/2025	43	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-21	23	n/a	2/20/2025	42	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-22	23	n/a	2/20/2025	25	Yes	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Chloride (mg/L)	SGWC-7	3.2	n/a	2/19/2025	4.6	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-8	3.2	n/a	2/19/2025	18	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-9	3.2	n/a	2/19/2025	14	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-10	3.2	n/a	2/19/2025	9.6	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-11	3.2	n/a	2/20/2025	12	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-12	3.2	n/a	2/19/2025	12	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-13	3.2	n/a	2/19/2025	25	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-14	3.2	n/a	2/19/2025	30	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-15	3.2	n/a	2/20/2025	11	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-16	3.2	n/a	2/19/2025	17	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-17	3.2	n/a	2/19/2025	20	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-19	3.2	n/a	2/21/2025	12	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-21	3.2	n/a	2/20/2025	5.5	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-22	3.2	n/a	2/20/2025	10	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	SGWC-23	3.2	n/a	2/21/2025	8	Yes	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Fluoride (mg/L)	SGWC-7	0.2	n/a	2/19/2025	0.23	Yes	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
pH, Field (SU)	SGWC-15	7.01	5.09	2/20/2025	4.55	Yes	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-18	7.01	5.09	2/21/2025	4.78	Yes	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-20	7.01	5.09	2/20/2025	4.17	Yes	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-7	3.75	n/a	2/19/2025	4.8	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-8	3.75	n/a	2/19/2025	37	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-9	3.75	n/a	2/19/2025	120	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-10	3.75	n/a	2/19/2025	36	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-11	3.75	n/a	2/20/2025	31	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-12	3.75	n/a	2/19/2025	83	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-13	3.75	n/a	2/19/2025	170	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-14	3.75	n/a	2/19/2025	230	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-15	3.75	n/a	2/20/2025	210	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-16	3.75	n/a	2/19/2025	84	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-17	3.75	n/a	2/19/2025	340	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-18	3.75	n/a	2/21/2025	850	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-19	3.75	n/a	2/21/2025	270	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-20	3.75	n/a	2/20/2025	280	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-21	3.75	n/a	2/20/2025	120	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-22	3.75	n/a	2/20/2025	88	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-23	3.75	n/a	2/21/2025	52	Yes	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-8	200	n/a	2/19/2025	330	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-9	200	n/a	2/19/2025	310	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-12	200	n/a	2/19/2025	220	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:18 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
TDS (mg/L)	SGWC-13	200	n/a	2/19/2025	280	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-14	200	n/a	2/19/2025	350	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-15	200	n/a	2/20/2025	320	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-17	200	n/a	2/19/2025	520	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-18	200	n/a	2/21/2025	1100	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-19	200	n/a	2/21/2025	420	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-20	200	n/a	2/20/2025	390	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-21	200	n/a	2/20/2025	380	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-22	200	n/a	2/20/2025	210	Yes	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:18 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	SGWC-6	0.18	n/a	2/20/2025	0.069J	No	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-7	0.18	n/a	2/19/2025	0.08ND	No	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-8	0.18	n/a	2/19/2025	0.042J	No	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	**SGWC-9**	**0.18**	**n/a**	**2/19/2025**	**1.4**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-10**	**0.18**	**n/a**	**2/19/2025**	**0.31**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-11**	**0.18**	**n/a**	**2/20/2025**	**0.87**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	SGWC-12	0.18	n/a	2/19/2025	0.039J	No	168	n/a	n/a	87.5	n/a	n/a	0.0000699	NP Inter (NDs) 1 of 2
Boron (mg/L)	**SGWC-13**	**0.18**	**n/a**	**2/19/2025**	**0.96**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-14**	**0.18**	**n/a**	**2/19/2025**	**1.6**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-15**	**0.18**	**n/a**	**2/20/2025**	**1.3**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-16**	**0.18**	**n/a**	**2/19/2025**	**0.88**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-17**	**0.18**	**n/a**	**2/19/2025**	**0.39**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-18**	**0.18**	**n/a**	**2/21/2025**	**5.5**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-19**	**0.18**	**n/a**	**2/21/2025**	**2**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-20**	**0.18**	**n/a**	**2/20/2025**	**1.9**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-21**	**0.18**	**n/a**	**2/20/2025**	**1.3**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-22**	**0.18**	**n/a**	**2/20/2025**	**0.52**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-23**	**0.18**	**n/a**	**2/21/2025**	**0.35**	**Yes**	**168**	**n/a**	**n/a**	**87.5**	**n/a**	**n/a**	**0.0000699**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	SGWC-6	23	n/a	2/20/2025	13	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-7	23	n/a	2/19/2025	17	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-8**	**23**	**n/a**	**2/19/2025**	**39**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-9**	**23**	**n/a**	**2/19/2025**	**29**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-10	23	n/a	2/19/2025	4.3	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-11	23	n/a	2/20/2025	3.3	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-12**	**23**	**n/a**	**2/19/2025**	**25**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-13**	**23**	**n/a**	**2/19/2025**	**31**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-14**	**23**	**n/a**	**2/19/2025**	**37**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-15	23	n/a	2/20/2025	16	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-16	23	n/a	2/19/2025	1.9	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-17**	**23**	**n/a**	**2/19/2025**	**79**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-18**	**23**	**n/a**	**2/21/2025**	**37**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-19**	**23**	**n/a**	**2/21/2025**	**43**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-20	23	n/a	2/20/2025	22	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-21**	**23**	**n/a**	**2/20/2025**	**42**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-22**	**23**	**n/a**	**2/20/2025**	**25**	**Yes**	**168**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-23	23	n/a	2/21/2025	19	No	168	n/a	n/a	0	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Chloride (mg/L)	SGWC-6	3.2	n/a	2/20/2025	2.6	No	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	**SGWC-7**	**3.2**	**n/a**	**2/19/2025**	**4.6**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-8**	**3.2**	**n/a**	**2/19/2025**	**18**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-9**	**3.2**	**n/a**	**2/19/2025**	**14**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-10**	**3.2**	**n/a**	**2/19/2025**	**9.6**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-11**	**3.2**	**n/a**	**2/20/2025**	**12**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-12**	**3.2**	**n/a**	**2/19/2025**	**12**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-13**	**3.2**	**n/a**	**2/19/2025**	**25**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-14**	**3.2**	**n/a**	**2/19/2025**	**30**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-15**	**3.2**	**n/a**	**2/20/2025**	**11**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-16**	**3.2**	**n/a**	**2/19/2025**	**17**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-17**	**3.2**	**n/a**	**2/19/2025**	**20**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	SGWC-18	3.2	n/a	2/21/2025	25ND	No	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	**SGWC-19**	**3.2**	**n/a**	**2/21/2025**	**12**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	SGWC-20	3.2	n/a	2/20/2025	6.3J	No	168	1.39	0.193	0	None	sqrt(x)	0.0004426	Param Inter 1 of 2
Chloride (mg/L)	**SGWC-21**	**3.2**	**n/a**	**2/20/2025**	**5.5**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-22**	**3.2**	**n/a**	**2/20/2025**	**10**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-23**	**3.2**	**n/a**	**2/21/2025**	**8**	**Yes**	**168**	**1.39**	**0.193**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Inter 1 of 2**
Fluoride (mg/L)	SGWC-6	0.2	n/a	2/20/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**SGWC-7**	**0.2**	**n/a**	**2/19/2025**	**0.23**	**Yes**	**195**	**n/a**	**n/a**	**57.95**	**n/a**	**n/a**	**0.00005191**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	SGWC-8	0.2	n/a	2/19/2025	0.17J	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-9	0.2	n/a	2/19/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-10	0.2	n/a	2/19/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-11	0.2	n/a	2/20/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-12	0.2	n/a	2/19/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-13	0.2	n/a	2/19/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-14	0.2	n/a	2/19/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:18 AM

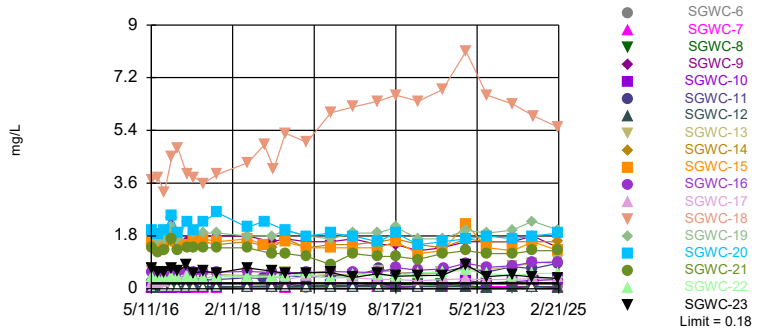
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	SGWC-15	0.2	n/a	2/20/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-16	0.2	n/a	2/19/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-17	0.2	n/a	2/19/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-18	0.2	n/a	2/21/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-19	0.2	n/a	2/21/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-20	0.2	n/a	2/20/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-21	0.2	n/a	2/20/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-22	0.2	n/a	2/20/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-23	0.2	n/a	2/21/2025	0.2ND	No	195	n/a	n/a	57.95	n/a	n/a	0.00005191	NP Inter (NDs) 1 of 2
pH, Field (SU)	SGWC-6	7.01	5.09	2/20/2025	6.3	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-7	7.01	5.09	2/19/2025	6.51	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-8	7.01	5.09	2/19/2025	6.65	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-9	7.01	5.09	2/19/2025	6.21	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-10	7.01	5.09	2/19/2025	5.32	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-11	7.01	5.09	2/20/2025	5.38	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-12	7.01	5.09	2/19/2025	6.22	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-13	7.01	5.09	2/19/2025	6.06	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-14	7.01	5.09	2/19/2025	5.79	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	**SGWC-15**	**7.01**	**5.09**	**2/20/2025**	**4.55**	**Yes**	**205**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00009815**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	SGWC-16	7.01	5.09	2/19/2025	5.1	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-17	7.01	5.09	2/19/2025	6.28	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	**SGWC-18**	**7.01**	**5.09**	**2/21/2025**	**4.78**	**Yes**	**205**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00009815**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	SGWC-19	7.01	5.09	2/21/2025	5.59	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	**SGWC-20**	**7.01**	**5.09**	**2/20/2025**	**4.17**	**Yes**	**205**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00009815**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	SGWC-21	7.01	5.09	2/20/2025	6.44	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-22	7.01	5.09	2/20/2025	5.7	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-23	7.01	5.09	2/21/2025	5.93	No	205	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-6	3.75	n/a	2/20/2025	1ND	No	168	n/a	n/a	47.62	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**SGWC-7**	**3.75**	**n/a**	**2/19/2025**	**4.8**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-8**	**3.75**	**n/a**	**2/19/2025**	**37**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-9**	**3.75**	**n/a**	**2/19/2025**	**120**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-10**	**3.75**	**n/a**	**2/19/2025**	**36**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-11**	**3.75**	**n/a**	**2/20/2025**	**31**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-12**	**3.75**	**n/a**	**2/19/2025**	**83**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-13**	**3.75**	**n/a**	**2/19/2025**	**170**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-14**	**3.75**	**n/a**	**2/19/2025**	**230**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-15**	**3.75**	**n/a**	**2/20/2025**	**210**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-16**	**3.75**	**n/a**	**2/19/2025**	**84**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-17**	**3.75**	**n/a**	**2/19/2025**	**340**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-18**	**3.75**	**n/a**	**2/21/2025**	**850**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-19**	**3.75**	**n/a**	**2/21/2025**	**270**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-20**	**3.75**	**n/a**	**2/20/2025**	**280**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-21**	**3.75**	**n/a**	**2/20/2025**	**120**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-22**	**3.75**	**n/a**	**2/20/2025**	**88**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-23**	**3.75**	**n/a**	**2/21/2025**	**52**	**Yes**	**168**	**n/a**	**n/a**	**47.62**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	SGWC-6	200	n/a	2/20/2025	130	No	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-7	200	n/a	2/19/2025	160	No	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	**SGWC-8**	**200**	**n/a**	**2/19/2025**	**330**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-9**	**200**	**n/a**	**2/19/2025**	**310**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	SGWC-10	200	n/a	2/19/2025	93	No	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-11	200	n/a	2/20/2025	90	No	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	**SGWC-12**	**200**	**n/a**	**2/19/2025**	**220**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-13**	**200**	**n/a**	**2/19/2025**	**280**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-14**	**200**	**n/a**	**2/19/2025**	**350**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-15**	**200**	**n/a**	**2/20/2025**	**320**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	SGWC-16	200	n/a	2/19/2025	150	No	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2
TDS (mg/L)	**SGWC-17**	**200**	**n/a**	**2/19/2025**	**520**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-18**	**200**	**n/a**	**2/21/2025**	**1100**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-19**	**200**	**n/a**	**2/21/2025**	**420**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-20**	**200**	**n/a**	**2/20/2025**	**390**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-21**	**200**	**n/a**	**2/20/2025**	**380**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**SGWC-22**	**200**	**n/a**	**2/20/2025**	**210**	**Yes**	**168**	**n/a**	**n/a**	**0.5952**	**n/a**	**n/a**	**0.0000699**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	SGWC-23	200	n/a	2/21/2025	190	No	168	n/a	n/a	0.5952	n/a	n/a	0.0000699	NP Inter (normality) 1 of 2

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Hollow symbols indicate censored values.

Exceeds Limit: SGWC-9, SGWC-10, SGWC-11, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19,..

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 168 background values. 87.5% NDs. Annual per-constituent alpha = 0.002374. Individual comparison alpha = 0.0000699 (1 of 2). Comparing 18 points to limit.

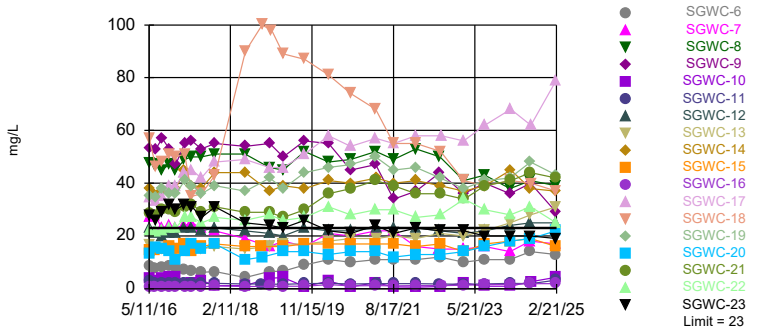
Constituent: Boron Analysis Run 4/17/2025 11:16 AM View: Appendix III Interwell
Plant Scherer Client: Southern Company Data: Scherer AP

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Exceeds Limit: SGWC-8, SGWC-9, SGWC-12, SGWC-13, SGWC-14, SGWC-17, SGWC-18, SGWC-19, SGWC-21, SGWC-22

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 168 background values. Annual per-constituent alpha = 0.002374. Individual comparison alpha = 0.0000699 (1 of 2). Comparing 18 points to limit.

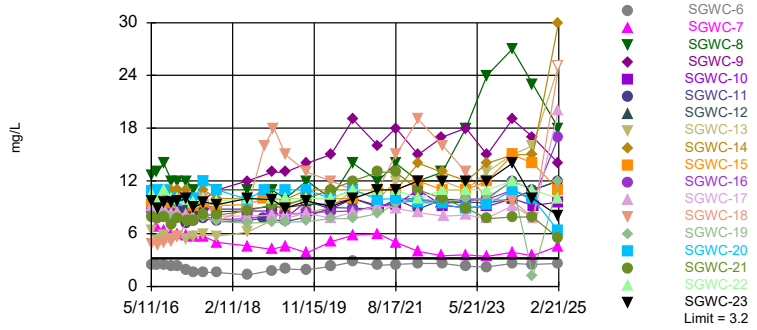
Constituent: Calcium Analysis Run 4/17/2025 11:16 AM View: Appendix III Interwell
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Exceeds Limit: SGWC-7, SGWC-8, SGWC-9, SGWC-10, SGWC-11, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16,..

Prediction Limit

Interwell Parametric



Background Data Summary (based on square root transformation): Mean=1.39, Std. Dev.=0.193, n=168. Normality test: Chi Squared @alpha = 0.01, calculated = 13.19, critical = 14.07. Kappa = 2.066 (c=7, w=17, 1 of 2, event alpha = 0.05132). N exceeds UG tables; Kappa based on n=150. Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Comparing 18 points to limit.

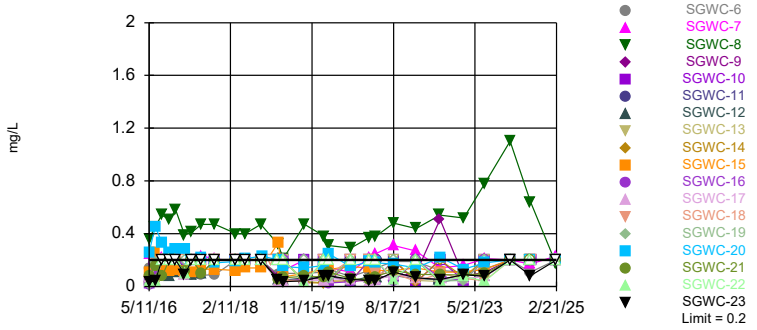
Constituent: Chloride Analysis Run 4/17/2025 11:16 AM View: Appendix III Interwell
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Exceeds Limit: SGWC-7

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 195 background values. 57.95% NDs. Annual per-constituent alpha = 0.001763. Individual comparison alpha = 0.00005191 (1 of 2). Comparing 18 points to limit.

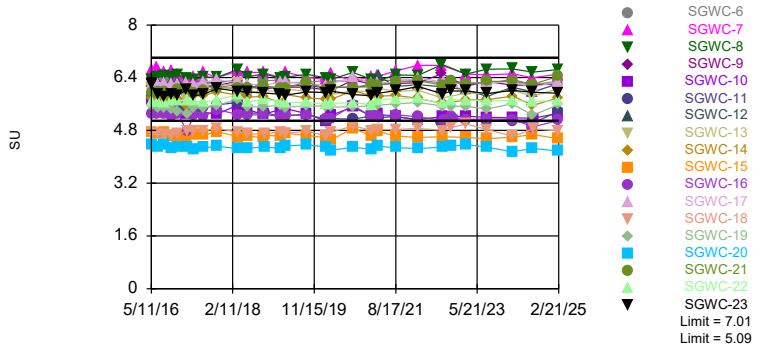
Constituent: Fluoride Analysis Run 4/17/2025 11:16 AM View: Appendix III Interwell
Plant Scherer Client: Southern Company Data: Scherer AP

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Exceeds Limits: SGWC-15, SGWC-18, SGWC-20

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 205 background values. Annual per-constituent alpha = 0.003334. Individual comparison alpha = 0.00009815 (1 of 2). Comparing 18 points to limit.

Constituent: pH, Field Analysis Run 4/17/2025 11:16 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

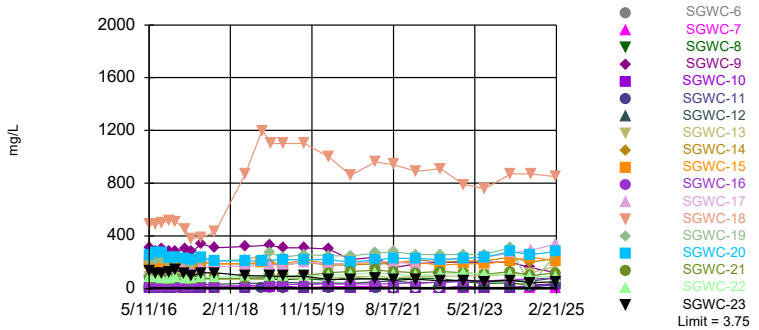
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Exceeds Limit: SGWC-7, SGWC-8, SGWC-9, SGWC-10, SGWC-11, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16,..

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 168 background values. 47.62% NDs. Annual per-constituent alpha = 0.002374. Individual comparison alpha = 0.0000699 (1 of 2). Comparing 18 points to limit.

Constituent: Sulfate Analysis Run 4/17/2025 11:16 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

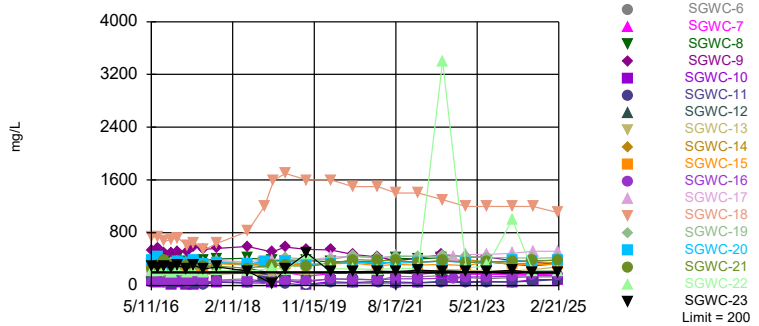
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Hollow symbols indicate censored values.

Exceeds Limit: SGWC-8, SGWC-9, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-17, SGWC-18, SGWC-19, SGWC-20...

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 168 background values. 0.5952% NDs. Annual per-constituent alpha = 0.002374. Individual comparison alpha = 0.0000699 (1 of 2). Comparing 18 points to limit.

Constituent: TDS Analysis Run 4/17/2025 11:16 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-3 (bg)	SGWA-2 (bg)	SGWC-11	SGWC-10	SGWC-9
5/10/2016	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08			
5/11/2016							0.242	0.0275 (J)	1.54
5/12/2016									
5/13/2016									
6/23/2016	<0.08		<0.08	<0.08		<0.08			
6/24/2016					0.0109 (J)				
6/27/2016		0.0052 (J)							
6/28/2016							0.245	0.035 (J)	
6/29/2016									1.52
6/30/2016									
8/16/2016	<0.08		<0.08	<0.08	<0.08	<0.08			
8/17/2016		<0.08					0.26	0.028 (J)	
8/18/2016									
8/19/2016									
8/22/2016									1.6
10/13/2016	<0.08		<0.08						
10/14/2016		<0.08		<0.08	<0.08	<0.08			
10/17/2016							0.25	0.032 (J)	
10/18/2016									2.4
10/19/2016									
12/5/2016			<0.08						
12/6/2016	<0.08	<0.08		<0.08	<0.08	<0.08	0.27	<0.08	
12/7/2016									1.6
12/8/2016									
2/14/2017	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08			
2/15/2017							0.28	0.035 (J)	
2/16/2017									1.6
4/10/2017			<0.08						
4/11/2017	<0.08	<0.08		<0.08	<0.08	<0.08			
4/12/2017							0.29	0.052	
4/13/2017									1.7
6/26/2017	<0.08		<0.08	<0.08	<0.08	<0.08			
6/27/2017		<0.08					0.29	<0.08	1.8
6/28/2017									
10/10/2017	<0.08		<0.08			<0.08			
10/11/2017		<0.08		<0.08	<0.08		0.31		
10/12/2017								0.049 (J)	1.8
6/5/2018	<0.08	<0.08	<0.08	<0.08		<0.08			
6/6/2018					<0.08		0.37	0.07	1.8
6/7/2018									
6/8/2018									
10/16/2018							0.35		
10/18/2018									
12/13/2018	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08			
12/14/2018									
12/17/2018								0.098	1.6
1/2/2019									
3/28/2019		<0.08		<0.08	<0.08				
3/29/2019	<0.08		<0.08			<0.08			
4/1/2019							0.46	0.16	1.7
4/2/2019									
9/12/2019				<0.08					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-3 (bg)	SGWA-2 (bg)	SGWC-11	SGWC-10	SGWC-9
9/13/2019			<0.08						
9/16/2019	0.13	<0.08			0.05	0.089	0.39		1.6
9/17/2019								0.077	
9/18/2019									
3/17/2020		<0.08		<0.08	<0.08	<0.08			
3/18/2020	<0.08		<0.08						
3/23/2020									
3/24/2020									
3/25/2020							0.45	0.12	1.6
3/26/2020									
3/27/2020									
9/14/2020	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	0.43	0.082	1.7
9/15/2020									
3/30/2021	0.041 (J)		0.072 (J)			0.045 (J)			
3/31/2021				<0.08	<0.08			0.15	1.5
4/1/2021									
4/6/2021									
4/7/2021		<0.08					0.68		
8/17/2021	<0.08	<0.08				<0.08			
8/18/2021			<0.08	<0.08	<0.08				
8/19/2021							0.54	0.091	1.5
8/20/2021									
2/9/2022	<0.08	<0.08		<0.08	<0.08	<0.08			
2/10/2022			<0.08				0.53		1.3
2/11/2022								0.09	
2/14/2022									
8/17/2022	<0.08					<0.08			
8/18/2022		<0.08	<0.08	<0.08	0.072 (J)		0.57		1.4
8/19/2022								0.083	
8/22/2022									
8/23/2022									
8/31/2022									
2/21/2023	<0.08			<0.08	<0.08				
2/22/2023						<0.08	0.75	0.28	1.6
2/23/2023		0.1	0.18						
8/1/2023	0.029 (J)			0.057 (J)		0.044 (J)			
8/2/2023							0.57		
8/7/2023					<0.08			0.19	1.6
8/8/2023		<0.08	<0.08						
2/20/2024	<0.08					<0.08			
2/21/2024			<0.08	<0.08	<0.08				1.6
2/23/2024							0.75	0.24	
2/26/2024									
2/27/2024		0.023 (J)							
7/31/2024	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08			
8/1/2024							0.69		1.8
8/2/2024									
8/5/2024								0.28	
2/19/2025		<0.08	<0.08					0.31	1.4
2/20/2025	0.033 (J)			0.023 (J)	0.068 (J)	0.032 (J)	0.87		
2/21/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-7	SGWC-6	SGWA-4 (bg)	SGWC-12	SGWC-21	SGWC-20	SGWC-14	SGWC-16
5/10/2016									
5/11/2016	0.0678 (J)	0.0359 (J)	<0.08	<0.08	<0.08				
5/12/2016						1.4	1.99	1.38	0.562
5/13/2016									
6/23/2016									
6/24/2016				0.0067 (J)					
6/27/2016	0.0767 (J)	0.0354 (J)	0.0051 (J)						
6/28/2016					0.0054 (J)			1.29	0.546
6/29/2016						1.25	1.88		
6/30/2016									
8/16/2016									
8/17/2016	0.067	0.039 (J)	<0.08	<0.08					
8/18/2016					<0.08			1.3	0.54
8/19/2016									
8/22/2016						1.3	2		
10/13/2016									
10/14/2016									
10/17/2016	0.059		<0.08	<0.08	<0.08			1.6	
10/18/2016		0.039 (J)				1.7	2.5		0.55
10/19/2016									
12/5/2016									
12/6/2016	0.054	0.03 (J)	<0.08	<0.08	<0.08				
12/7/2016						1.3		1.5	0.56
12/8/2016							1.9		
2/14/2017	0.063	0.031 (J)	<0.08	<0.08					
2/15/2017					<0.08			1.5	
2/16/2017						1.4	2.3		0.58
4/10/2017									
4/11/2017				<0.08					
4/12/2017	0.068	0.039 (J)	<0.08		<0.08			1.4	
4/13/2017						1.4	2		0.56
6/26/2017				<0.08					
6/27/2017	0.067	0.028 (J)	<0.08		<0.08			1.6	0.56
6/28/2017						1.4	2.3		
10/10/2017									
10/11/2017		0.026 (J)	<0.08	<0.08	<0.08			1.5	
10/12/2017	0.075					1.4	2.6		0.57
6/5/2018									
6/6/2018	0.059	<0.08	<0.08	<0.08	<0.08				
6/7/2018						1.4	2.1	1.6	0.59
6/8/2018									
10/16/2018									
10/18/2018							2.3		
12/13/2018				<0.08					
12/14/2018	0.064	<0.08	<0.08		<0.08			1.4	
12/17/2018						1.2			0.55
1/2/2019									
3/28/2019				<0.08					
3/29/2019									
4/1/2019	0.076	0.025 (J)			<0.08			1.7	
4/2/2019			<0.08			1.2	2		0.53
9/12/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-7	SGWC-6	SGWA-4 (bg)	SGWC-12	SGWC-21	SGWC-20	SGWC-14	SGWC-16
9/13/2019									
9/16/2019			0.04 (J)	<0.08	<0.08				
9/17/2019	0.11	<0.08				1.1	1.8	1.4	0.55
9/18/2019									
3/17/2020									
3/18/2020				<0.08					
3/23/2020						0.83	1.9		
3/24/2020									
3/25/2020	0.089		<0.08						
3/26/2020		0.055 (J)			<0.08				
3/27/2020								1.5	0.59
9/14/2020	0.1	<0.08	<0.08	<0.08	<0.08				
9/15/2020						1.2	1.8	1.5	0.57
3/30/2021						1.1	1.6		
3/31/2021				<0.08					
4/1/2021	0.14	0.069 (J)	<0.08						0.55
4/6/2021								1.6	
4/7/2021					<0.08				
8/17/2021				<0.08					
8/18/2021	0.14	0.047 (J)	<0.08			1.1			
8/19/2021							1.9	1.7	0.72
8/20/2021					0.043 (J)				
2/9/2022		<0.08	<0.08	<0.08					
2/10/2022	0.16				<0.08				0.63
2/11/2022						1	1.5		
2/14/2022								1.5	
8/17/2022									
8/18/2022	0.14	0.1		<0.08	0.061 (J)				
8/19/2022			<0.08					1.4	
8/22/2022						1.2	1.6		
8/23/2022									
8/31/2022									0.67
2/21/2023									
2/22/2023	0.11	0.064 (J)	<0.08	<0.08			1.7		
2/23/2023					0.079 (J)	1.3		1.7	0.87
8/1/2023			0.037 (J)						
8/2/2023									
8/7/2023				<0.08	0.024 (J)		1.8		
8/8/2023	0.046 (J)	<0.08				1.2		1.6	0.73
2/20/2024			<0.08	<0.08					
2/21/2024	0.036 (J)	<0.08							
2/23/2024					0.043 (J)				
2/26/2024							1.7		0.78
2/27/2024						1.2		1.6	
7/31/2024		<0.08		<0.08					
8/1/2024	<0.08		<0.08		<0.08			1.6	0.9
8/2/2024						1.3	1.8		
8/5/2024									
2/19/2025	0.042 (J)	<0.08		0.032 (J)	0.039 (J)			1.6	0.88
2/20/2025			0.069 (J)			1.3	1.9		
2/21/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-22	SGWC-17	SGWC-23	SGWC-15	SGWC-18	SGWC-19
5/10/2016							
5/11/2016							
5/12/2016	0.599	0.411	0.195	0.691	1.57		
5/13/2016						3.71	1.87
6/23/2016							
6/24/2016							
6/27/2016							
6/28/2016	0.52				1.36		
6/29/2016		0.373	0.198	0.557			1.67
6/30/2016						3.8	
8/16/2016							
8/17/2016							
8/18/2016	0.51		0.24		1.5		
8/19/2016		0.37		0.58			
8/22/2016						3.3	1.7
10/13/2016							
10/14/2016							
10/17/2016	0.58						
10/18/2016		0.41		0.68	1.9		2.1
10/19/2016			0.37			4.5	
12/5/2016							
12/6/2016	0.5						
12/7/2016		0.36	0.4	0.6	1.5	4.8	
12/8/2016							1.7
2/14/2017							
2/15/2017	0.5		0.38	0.82	1.5		
2/16/2017		0.38				3.9	2.3
4/10/2017							
4/11/2017							
4/12/2017	0.47				1.7		
4/13/2017		0.4	0.34	0.54		3.8	1.9
6/26/2017							
6/27/2017	0.51		0.33		1.7		
6/28/2017		0.35		0.59		3.6	1.9
10/10/2017							
10/11/2017	0.49						
10/12/2017		0.4	0.47	0.54	1.6	3.9	1.9
6/5/2018							
6/6/2018							
6/7/2018	0.45	0.41	0.35	0.71	1.7		
6/8/2018						4.3	1.8
10/16/2018					1.5		
10/18/2018						4.9	
12/13/2018							
12/14/2018	0.47		0.44				
12/17/2018		0.4		0.6			1.8
1/2/2019						4.1	
3/28/2019							
3/29/2019							
4/1/2019	0.57				1.6		
4/2/2019		0.44	0.32	0.52		5.3	2
9/12/2019							

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-22	SGWC-17	SGWC-23	SGWC-15	SGWC-18	SGWC-19
9/13/2019							
9/16/2019							
9/17/2019	0.43		0.43		1.4	5	1.8
9/18/2019		0.52		0.54			
3/17/2020							
3/18/2020							
3/23/2020							1.7
3/24/2020		0.34	0.37	0.55			
3/25/2020							
3/26/2020						6	
3/27/2020	0.49				1.4		
9/14/2020	0.49						
9/15/2020		0.5	0.38	0.38	1.4	6.2	1.9
3/30/2021						6.4	1.9
3/31/2021		0.47		0.51	1.4		
4/1/2021			0.31				
4/6/2021							
4/7/2021	0.59						
8/17/2021							
8/18/2021		0.44	0.32	0.42		6.6	
8/19/2021	0.59				1.6		2.1
8/20/2021							
2/9/2022							
2/10/2022		0.54		0.45		6.4	
2/11/2022	0.48		0.27		1.2		1.7
2/14/2022							
8/17/2022							
8/18/2022	0.55						
8/19/2022					1.3		
8/22/2022		0.57		0.46			1.7
8/23/2022						6.8	
8/31/2022			0.31				
2/21/2023							
2/22/2023			0.34			8.1	2
2/23/2023	0.69	0.63		0.81	2.2		
8/1/2023							
8/2/2023	0.64						
8/7/2023		0.52	0.3		1.4	6.6	1.9
8/8/2023				0.41			
2/20/2024							2
2/21/2024		0.45		0.47			
2/23/2024	0.76						
2/26/2024			0.33		1.3		
2/27/2024						6.3	
7/31/2024							
8/1/2024	0.86				1.6		2.3
8/2/2024		0.52		0.4			
8/5/2024			0.34			5.9	
2/19/2025	0.96		0.39				
2/20/2025		0.52			1.3		
2/21/2025				0.35		5.5	2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-3 (bg)	SGWA-2 (bg)	SGWC-11	SGWC-10	SGWC-9
5/10/2016	3	11.4	12.3	2.64	6.22	10.1			
5/11/2016							2.91	4.14	53.1
5/12/2016									
5/13/2016									
6/23/2016	2.42		11.3	1.65		8.45			
6/24/2016					5.55				
6/27/2016		9.16							
6/28/2016							2.19	3.13	
6/29/2016									52.6
6/30/2016									
8/16/2016	2.1		11	1.3	5	9.4			
8/17/2016		9.6					1.9	4.1	
8/18/2016									
8/19/2016									
8/22/2016									57
10/13/2016	2.7		12						
10/14/2016		11		1.4	5.4	10			
10/17/2016							2	4.2	
10/18/2016									53
10/19/2016									
12/5/2016			12						
12/6/2016	2.1	11		1.4	4.8	10	1.9	4.3	
12/7/2016									47
12/8/2016									
2/14/2017	1.8	12	13	1.4	4.6	11			
2/15/2017							1.9	1.5	
2/16/2017									55
4/10/2017			12						
4/11/2017	1.8	11		1.4	5	10			
4/12/2017							1.9	2.2	
4/13/2017									56
6/26/2017	1.7		13	1.5	4.9	10			
6/27/2017		9.5					1.9	3.1	53
6/28/2017									
10/10/2017	2.3		14			11			
10/11/2017		11		1.6	5.5		2		
10/12/2017								1.2	55
6/5/2018	2.6	9.7	13	1.5		11			
6/6/2018					4.1		1.8	1.2	54
6/7/2018									
6/8/2018									
10/16/2018							1.8		
10/18/2018									
12/13/2018	1.7	9.4	12	1.4	4.3	10			
12/14/2018									
12/17/2018								4	55
1/2/2019									
3/28/2019		8.7		1.4	4.8				
3/29/2019	2		12			11			
4/1/2019							1.7	4.2	50
4/2/2019									
9/12/2019				1.6					

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-3 (bg)	SGWA-2 (bg)	SGWC-11	SGWC-10	SGWC-9
9/13/2019			14						
9/16/2019	1.7	9.5			5.9	12	1.9		56
9/17/2019								0.79	
9/18/2019									
3/17/2020		8.8		1.7	5.3	11			
3/18/2020	1.8		14						
3/23/2020									
3/24/2020									
3/25/2020							2	2.9	55
3/26/2020									
3/27/2020									
9/14/2020	1.6	9.1	14	1.6	5.7	11	1.8	0.75	45
9/15/2020									
3/30/2021	2.2		15			12			
3/31/2021				1.6	5.5			2.3	47
4/1/2021									
4/6/2021									
4/7/2021		9.5					1.9		
8/17/2021	1.8	9.6				12			
8/18/2021			14	1.7	5.9				
8/19/2021							1.9	0.67	34
8/20/2021									
2/9/2022	1.8	9.3		1.8	6	11			
2/10/2022			15				1.9		37
2/11/2022								0.55	
2/14/2022									
8/17/2022	1.9					11			
8/18/2022		9.1	16	1.7	5.9		1.8		44
8/19/2022								0.78	
8/22/2022									
8/23/2022									
8/31/2022									
2/21/2023	2.2			1.8	6.4				
2/22/2023						11	1.7	2.2	36
2/23/2023		9.6	17						
8/1/2023	2.3			2.1		12			
8/2/2023							1.8		
8/7/2023					6.1			1	40
8/8/2023		8.9	16						
2/20/2024	1.7					13			
2/21/2024			16	1.5	5.7				36
2/23/2024							2	0.98	
2/26/2024									
2/27/2024		11							
7/31/2024	2.2	9.7	20	2.2	6.9	12			
8/1/2024							1.9		40
8/2/2024									
8/5/2024								2.7	
2/19/2025		11	18					4.3	29
2/20/2025	2.1			1.8	6.4	12	3.3		
2/21/2025									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-7	SGWC-6	SGWA-4 (bg)	SGWC-12	SGWC-21	SGWC-20	SGWC-14	SGWC-16
5/10/2016									
5/11/2016	47.6	27.2	8.7	14.4	23.1				
5/12/2016						28.7	13.2	37.7	0.75
5/13/2016									
6/23/2016									
6/24/2016				14.2					
6/27/2016	47	27.9	7.48						
6/28/2016					21			35.8	0.768
6/29/2016						27.9	15.8		
6/30/2016									
8/16/2016									
8/17/2016	45	23	8	15					
8/18/2016					20			37	0.7
8/19/2016									
8/22/2016						30	15		
10/13/2016									
10/14/2016									
10/17/2016	47		8.6	16	21			37	
10/18/2016		24				30	14		0.75
10/19/2016									
12/5/2016									
12/6/2016	45	23	8.2	15	21				
12/7/2016						29		38	0.73
12/8/2016							11		
2/14/2017	49	24	7.2	17					
2/15/2017					23			45	
2/16/2017						31	14		0.81
4/10/2017									
4/11/2017				17					
4/12/2017	50	25	6.7		23			39	
4/13/2017						32	17		0.88
6/26/2017				18					
6/27/2017	50	23	6.2		22			38	0.76
6/28/2017						29	15		
10/10/2017									
10/11/2017		22	6.5	19	23			44	
10/12/2017	51					31	17		1.1
6/5/2018									
6/6/2018	51	19	4.2	18	22				
6/7/2018						29	11	44	0.84
6/8/2018									
10/16/2018									
10/18/2018							12		
12/13/2018				18					
12/14/2018	46	16	6.5		21			37	
12/17/2018						29			0.94
1/2/2019									
3/28/2019				17					
3/29/2019									
4/1/2019	45	18			20			39	
4/2/2019			6.7			27	14		0.92
9/12/2019									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-7	SGWC-6	SGWA-4 (bg)	SGWC-12	SGWC-21	SGWC-20	SGWC-14	SGWC-16
9/13/2019									
9/16/2019			8.9	18	23				
9/17/2019	52	16				30	14	38	1
9/18/2019									
3/17/2020									
3/18/2020				18					
3/23/2020						36	13		
3/24/2020									
3/25/2020	48		11						
3/26/2020		21			22				
3/27/2020								41	1.5
9/14/2020	49	20	10	17	22				
9/15/2020						38	14	40	1.1
3/30/2021						41	14		
3/31/2021				17					
4/1/2021	52	22	11						1.2
4/6/2021								42	
4/7/2021					23				
8/17/2021				18					
8/18/2021	49	22	11			39			
8/19/2021							12	40	1.1
8/20/2021					23				
2/9/2022		16	11	18					
2/10/2022	53				23				1.2
2/11/2022						36	13		
2/14/2022								41	
8/17/2022									
8/18/2022	50	15		20	22				
8/19/2022			12					39	
8/22/2022						36	13		
8/23/2022									
8/31/2022									1.2
2/21/2023									
2/22/2023	41	15	10	20			14		
2/23/2023					21	34		37	1.3
8/1/2023			11						
8/2/2023									
8/7/2023				21	22		16		
8/8/2023	43	16				39		39	1.5
2/20/2024			11	23					
2/21/2024	38	14							
2/23/2024					24				
2/26/2024							18		1.7
2/27/2024						41		45	
7/31/2024		18		21					
8/1/2024	41		14		25			38	1.9
8/2/2024						44	19		
8/5/2024									
2/19/2025	39	17		21	25			37	1.9
2/20/2025			13			42	22		
2/21/2025									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-22	SGWC-17	SGWC-23	SGWC-15	SGWC-18	SGWC-19
5/10/2016							
5/11/2016							
5/12/2016	16.6	21.9	34.8	27.6	14.5		
5/13/2016						56.9	35.3
6/23/2016							
6/24/2016							
6/27/2016							
6/28/2016	14.4				14.7		
6/29/2016		21.8	33.1	25.6			34.6
6/30/2016						46.4	
8/16/2016							
8/17/2016							
8/18/2016	15		35		15		
8/19/2016		22		29			
8/22/2016						48	38
10/13/2016							
10/14/2016							
10/17/2016	15						
10/18/2016		23		32	16		36
10/19/2016			39			51	
12/5/2016							
12/6/2016	14						
12/7/2016		23	39	30	15	50	
12/8/2016							36
2/14/2017							
2/15/2017	17		44	32	17		
2/16/2017		27				51	41
4/10/2017							
4/11/2017							
4/12/2017	16				14		
4/13/2017		27	45	31		35	39
6/26/2017							
6/27/2017	15		42		16		
6/28/2017		25		27		36	36
10/10/2017							
10/11/2017	16						
10/12/2017		27	48	31	17	43	39
6/5/2018							
6/6/2018							
6/7/2018	15	26	49	25	16		
6/8/2018						90	37
10/16/2018					16		
10/18/2018						100	
12/13/2018							
12/14/2018	16		46				
12/17/2018		28		24			42
1/2/2019						98	
3/28/2019							
3/29/2019							
4/1/2019	17				16		
4/2/2019		26	46	23		89	38
9/12/2019							

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-22	SGWC-17	SGWC-23	SGWC-15	SGWC-18	SGWC-19
9/13/2019							
9/16/2019							
9/17/2019	17		51		17	87	44
9/18/2019		27		26			
3/17/2020							
3/18/2020							
3/23/2020							46
3/24/2020		31	58	22			
3/25/2020							
3/26/2020						81	
3/27/2020	18				17		
9/14/2020	19						
9/15/2020		28	54	21	17	74	47
3/30/2021						68	50
3/31/2021		30		24	17		
4/1/2021			57				
4/6/2021							
4/7/2021	19						
8/17/2021							
8/18/2021		30	55	21		55	
8/19/2021	20				17		45
8/20/2021							
2/9/2022							
2/10/2022		27		23		55	
2/11/2022	19		58		16		46
2/14/2022							
8/17/2022							
8/18/2022	21						
8/19/2022					17		
8/22/2022		28		22			42
8/23/2022						52	
8/31/2022			58				
2/21/2023							
2/22/2023			56			41	38
2/23/2023	20	34		22	14		
8/1/2023							
8/2/2023	22						
8/7/2023		30	62		17	39	41
8/8/2023				20			
2/20/2024							42
2/21/2024		28		20			
2/23/2024	25						
2/26/2024			68		18		
2/27/2024						41	
7/31/2024							
8/1/2024	28				19		48
8/2/2024		31		20			
8/5/2024			62			40	
2/19/2025	31		79				
2/20/2025		25			16		
2/21/2025				19		37	43

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-3 (bg)	SGWA-2 (bg)	SGWC-11	SGWC-10	SGWC-9
5/10/2016	1.9	2.77	1.94	1.98	3.45	1.51			
5/11/2016							8.87	9.53	9.29
5/12/2016									
5/13/2016									
6/23/2016	2.2		2.2	2.1		1.8			
6/24/2016					3.5				
6/27/2016		2.9							
6/28/2016							8.3	9.1	
6/29/2016									9
6/30/2016									
8/16/2016	2.1		2	1.8	3.4	1.5			
8/17/2016		2.4					8.6	9.4	
8/18/2016									
8/19/2016									
8/22/2016									9.7
10/13/2016	2		1.9						
10/14/2016		2.1		1.8	3.1	1.4			
10/17/2016							7.9	8.9	
10/18/2016									9.4
10/19/2016									
12/5/2016			1.9						
12/6/2016	2.2	1.7		1.8	3	1.5	7.9	8.9	
12/7/2016									11
12/8/2016									
2/14/2017	2	1.5	1.9	1.8	2.4	1.5			
2/15/2017							7.2	9	
2/16/2017									9.5
4/10/2017			1.8						
4/11/2017	1.8	1.7		1.7	2.5	1.3			
4/12/2017							7.5	8.5	
4/13/2017									8.7
6/26/2017	1.9		1.9	1.7	2.6	1.4			
6/27/2017		2.2					7.8	9.1	9.9
6/28/2017									
10/10/2017	1.8		1.8			1.3			
10/11/2017		1.7		1.6	2.4		7.4		
10/12/2017								8.5	11
6/5/2018	1.7	2	1.9	1.6		1.3			
6/6/2018					2		7.5	8.6	12
6/7/2018									
6/8/2018									
10/16/2018							7.8		
10/18/2018									
12/13/2018	1.7	1.9	2	1.7	2	1.3			
12/14/2018									
12/17/2018								8.6	13
1/2/2019									
3/28/2019		2.2		1.7	2				
3/29/2019	1.5		1.8			1.2			
4/1/2019							7.4	7.8	13
4/2/2019									
9/12/2019				1.5					

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-3 (bg)	SGWA-2 (bg)	SGWC-11	SGWC-10	SGWC-9
9/13/2019			1.7						
9/16/2019	1.8	1.9			2.2	1.3	7.9		14
9/17/2019								9.7	
9/18/2019									
3/17/2020		2.4		1.9	2.1	1.6			
3/18/2020	2		2.4						
3/23/2020									
3/24/2020									
3/25/2020							9	8.8	15
3/26/2020									
3/27/2020									
9/14/2020	2.1	2.7	2.5	1.9	2.5	1.5	8.9	10	19
9/15/2020									
3/30/2021	2.3		2.5			1.6			
3/31/2021				2.1	2.3			9.2	16
4/1/2021									
4/6/2021									
4/7/2021		2.3					8.8		
8/17/2021	1.9	2.6				1.6			
8/18/2021			2.7	2.2	2.4				
8/19/2021							9.9	9.3	18
8/20/2021									
2/9/2022	2	1.8		1.9	2.3	1.5			
2/10/2022			2.4				8.8		15
2/11/2022								11	
2/14/2022									
8/17/2022	2					1.5			
8/18/2022		1.9	3.1	2.1	2.4		9.9		17
8/19/2022								9.2	
8/22/2022									
8/23/2022									
8/31/2022									
2/21/2023	2			2	2.3				
2/22/2023						1.5	9.9	9	18
2/23/2023		1.9	3.3						
8/1/2023	2			1.9		1.4			
8/2/2023							10		
8/7/2023					2.2			9.1	15
8/8/2023		1.6	3						
2/20/2024	2.3					1.8			
2/21/2024			3.6	2.3	2.6				19
2/23/2024							12	10	
2/26/2024									
2/27/2024		2							
7/31/2024	2.5	1.9	3.4	2	2.3	1.7			
8/1/2024							11		17
8/2/2024									
8/5/2024								9.2	
2/19/2025		3.4	4.9					9.6	14
2/20/2025	1.8			1.9	2	1.3	12		
2/21/2025									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-7	SGWC-6	SGWA-4 (bg)	SGWC-12	SGWC-21	SGWC-20	SGWC-14	SGWC-16
5/10/2016									
5/11/2016	12.6	9.65	2.44	1.93	9.04				
5/12/2016						7.93	10.8	11.1	8.56
5/13/2016									
6/23/2016									
6/24/2016				1.8					
6/27/2016	13	6.7	2.5						
6/28/2016					8.8			10	7.8
6/29/2016						7.7	11		
6/30/2016									
8/16/2016									
8/17/2016	14	6.4	2.4	1.4					
8/18/2016					9.3			11	8.5
8/19/2016									
8/22/2016						7.9	11		
10/13/2016									
10/14/2016									
10/17/2016	12		2.3	1.2	8.3			11	
10/18/2016		5.9				7.1	10		8
10/19/2016									
12/5/2016									
12/6/2016	12	5.9	2.3	1.3	8.9				
12/7/2016						7.7		11	8
12/8/2016							9.7		
2/14/2017	12	5.8	1.9	1.3					
2/15/2017					8.7			11	
2/16/2017						7.4	9.8		7.7
4/10/2017									
4/11/2017				1.2					
4/12/2017	11	5.6	1.6		8.6			10	
4/13/2017						7.4	10		7.5
6/26/2017				1.2					
6/27/2017	12	5.7	1.6		9.3			11	8
6/28/2017						8.1	12		
10/10/2017									
10/11/2017		5	1.6	1.1	8.8			10	
10/12/2017	11					8.1	11		7.6
6/5/2018									
6/6/2018	11	4.6	1.3	1.1	8.8				
6/7/2018						8.6	9.9	10	7.7
6/8/2018									
10/16/2018									
10/18/2018							11		
12/13/2018				1.2					
12/14/2018	11	4.2	1.8		9.1			10	
12/17/2018						9.3			8.1
1/2/2019									
3/28/2019				1.2					
3/29/2019									
4/1/2019	10	4.6			9			9.9	
4/2/2019			2			9.3	11		8.2
9/12/2019									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-7	SGWC-6	SGWA-4 (bg)	SGWC-12	SGWC-21	SGWC-20	SGWC-14	SGWC-16
9/13/2019									
9/16/2019			1.9	1.2	9.3				
9/17/2019	12	3.8				10	11	11	8.4
9/18/2019									
3/17/2020									
3/18/2020				1.5					
3/23/2020						11	10		
3/24/2020									
3/25/2020	10		2.3						
3/26/2020		5.1			9.4				
3/27/2020								11	8.5
9/14/2020	14	5.8	2.8	1.5	10				
9/15/2020						12	11	11	8.6
3/30/2021						13	9.9		
3/31/2021				1.6					
4/1/2021	12	6	2.4						9.2
4/6/2021								11	
4/7/2021					9				
8/17/2021				1.6					
8/18/2021	14	5	2.5			13			
8/19/2021							10	11	9.5
8/20/2021					9.9				
2/9/2022		4	2.6	1.5					
2/10/2022	12				10				9.8
2/11/2022						11	9.6		
2/14/2022								14	
8/17/2022									
8/18/2022	13	3.5		1.6	9.5				
8/19/2022			2.6					13	
8/22/2022						10	9.4		
8/23/2022									
8/31/2022									9.6
2/21/2023									
2/22/2023	18	3.6	2.3	1.6			8.8		
2/23/2023					9.6	8.9		12	9.8
8/1/2023			2.2						
8/2/2023									
8/7/2023				1.2	9.5		9.3		
8/8/2023	24	3.4				7.7		14	9.9
2/20/2024			2.6	1.5					
2/21/2024	27	3.9							
2/23/2024					10				
2/26/2024							11		11
2/27/2024						7.9		15	
7/31/2024		3.5		1.3					
8/1/2024	23		2.5		11			15	9.8
8/2/2024						7.9 (J)	10		
8/5/2024									
2/19/2025	18	4.6		1.1	12			30	17
2/20/2025			2.6			5.5	6.3 (J)		
2/21/2025									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-22	SGWC-17	SGWC-23	SGWC-15	SGWC-18	SGWC-19
5/10/2016							
5/11/2016							
5/12/2016	6.29	10.6	9.11	9.63	9.47		
5/13/2016						4.87	8.16
6/23/2016							
6/24/2016							
6/27/2016							
6/28/2016	5.4				9.8		
6/29/2016		9.7	8.3	8.8			7.6
6/30/2016						4.7	
8/16/2016							
8/17/2016							
8/18/2016	5.8		8.8		10		
8/19/2016		11		9.6			
8/22/2016						5	8.2
10/13/2016							
10/14/2016							
10/17/2016	5.4						
10/18/2016		10		9.6	9.4		7.7
10/19/2016			8.3			5.1	
12/5/2016							
12/6/2016	5.6						
12/7/2016		10	8.4	9.7	9.8	5.6	
12/8/2016							7.8
2/14/2017							
2/15/2017	5.4		8.1	10	9.8		
2/16/2017		9.8				7.4	7.4
4/10/2017							
4/11/2017							
4/12/2017	5.6				9.2		
4/13/2017		9.6	7.9	9		8.9	7.5
6/26/2017							
6/27/2017	5.9		8.3		9.5		
6/28/2017		10		9.6		10	7.9
10/10/2017							
10/11/2017	5.7						
10/12/2017		9.7	8	9.3	9.2	7.4	7.4
6/5/2018							
6/6/2018							
6/7/2018	6.2	10	8	10	9.3		
6/8/2018						9	7.2
10/16/2018					10		
10/18/2018						16	
12/13/2018							
12/14/2018	7.5		8.1				
12/17/2018		10		9.9			7.3
1/2/2019						18	
3/28/2019							
3/29/2019							
4/1/2019	7.7				9.2		
4/2/2019		10	8.2	8.9		15	7.3
9/12/2019							

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-22	SGWC-17	SGWC-23	SGWC-15	SGWC-18	SGWC-19
9/13/2019							
9/16/2019							
9/17/2019	8.4		8.3		10	13	7.4
9/18/2019		10		9.7			
3/17/2020							
3/18/2020							
3/23/2020							7.7
3/24/2020		10	7.8	9.1			
3/25/2020							
3/26/2020						12	
3/27/2020	9				10		
9/14/2020	11						
9/15/2020		11	8.4	10	10	11	7.7
3/30/2021						11	8.3
3/31/2021		11		11	11		
4/1/2021			9.2				
4/6/2021							
4/7/2021	10						
8/17/2021							
8/18/2021		11	8.9	11		15	
8/19/2021	12				11		9.4
8/20/2021							
2/9/2022							
2/10/2022		10		12		19	
2/11/2022	12		8.4		12		10
2/14/2022							
8/17/2022							
8/18/2022	12						
8/19/2022					11		
8/22/2022		11		12			9.6
8/23/2022						16	
8/31/2022			8				
2/21/2023							
2/22/2023			8.1			13	10
2/23/2023	11	11		12	11		
8/1/2023							
8/2/2023	13						
8/7/2023		11	7.8		12	10	9.9
8/8/2023				12			
2/20/2024							12
2/21/2024		12		14			
2/23/2024	15						
2/26/2024			9.2		15		
2/27/2024						9.7 (J)	
7/31/2024							
8/1/2024	16				14		1.2
8/2/2024		11		10			
8/5/2024			7.8			7.8	
2/19/2025	25		20				
2/20/2025		10			11		
2/21/2025				8		<50	12

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/17/2025 11:18 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-3 (bg)	SGWA-2 (bg)	SGWC-11	SGWC-10	SGWC-9
5/10/2016	<0.2	0.041 (J)	0.0648 (J)	0.0188 (J)	0.0192 (J)	0.0537 (J)			
5/11/2016							0.033 (J)	0.019 (J)	0.076 (J)
5/12/2016									
5/13/2016									
6/23/2016	<0.2		0.05 (J)	<0.2		0.03 (J)			
6/24/2016					0.02 (J)				
6/27/2016		0.03 (J)							
6/28/2016							0.08 (J)	<0.2	
6/29/2016									0.13 (J)
6/30/2016									
8/16/2016	<0.2		<0.2	<0.2	<0.2	<0.2			
8/17/2016		<0.2					<0.2	<0.2	
8/18/2016									
8/19/2016									
8/22/2016									<0.2
10/13/2016	<0.2		<0.2						
10/14/2016		<0.2		<0.2	<0.2	<0.2			
10/17/2016							<0.2	<0.2	
10/18/2016									<0.2
10/19/2016									
12/5/2016			<0.2						
12/6/2016	<0.2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2	
12/7/2016									<0.2
12/8/2016									
2/14/2017	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2			
2/15/2017							<0.2	<0.2	
2/16/2017									0.097 (J)
4/10/2017			<0.2						
4/11/2017	<0.2	<0.2		<0.2	<0.2	<0.2			
4/12/2017							<0.2	<0.2	
4/13/2017									<0.2
6/26/2017	<0.2		<0.2	<0.2	<0.2	<0.2			
6/27/2017		<0.2					<0.2	<0.2	<0.2
6/28/2017									
10/10/2017	<0.2		<0.2			<0.2			
10/11/2017		<0.2		<0.2	<0.2		<0.2		
10/12/2017								<0.2	<0.2
3/26/2018	<0.2		<0.2		<0.2	<0.2			
3/27/2018		<0.2		<0.2			<0.2	<0.2	
3/28/2018									<0.2
6/5/2018	<0.2	<0.2	<0.2	<0.2		<0.2			
6/6/2018					<0.2		<0.2	<0.2	<0.2
6/7/2018									
6/8/2018									
10/5/2018	<0.2		<0.2		<0.2	<0.2			
10/8/2018		<0.2		<0.2					
10/9/2018								<0.2	<0.2
10/16/2018							<0.2		
10/18/2018									
1/2/2019									
2/18/2019	<0.2					0.05 (J)			
2/19/2019		0.044 (J)	0.06 (J)	<0.2	<0.2				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-3 (bg)	SGWA-2 (bg)	SGWC-11	SGWC-10	SGWC-9
2/20/2019							<0.2	<0.2	0.074 (J)
3/28/2019		0.037 (J)		<0.2	0.026 (J)				
3/29/2019	<0.2		0.056 (J)			0.053 (J)			
4/1/2019							<0.2	<0.2	0.041 (J)
4/2/2019									
9/12/2019				<0.2					
9/13/2019			0.049 (J)						
9/16/2019	<0.2	0.04 (J)			0.026 (J)	0.054 (J)	<0.2		0.057 (J)
9/17/2019								<0.2	
9/18/2019									
2/13/2020	<0.2		0.066 (J)			0.051 (J)			
2/17/2020		0.041 (J)		<0.2					
2/18/2020					<0.2		<0.2		
2/19/2020								<0.2	0.061 (J)
2/20/2020									
3/17/2020		0.041 (J)		0.03 (J)	0.029 (J)	0.038 (J)			
3/18/2020	<0.2		0.078 (J)						
3/23/2020									
3/24/2020									
3/25/2020							0.058 (J)	0.031 (J)	0.079 (J)
3/26/2020									
3/27/2020									
9/14/2020	<0.2	0.028 (J)	0.038 (J)	<0.2	<0.2	0.033 (J)	<0.2	<0.2	0.037 (J)
9/15/2020									
2/9/2021	<0.2	0.037 (J)	0.059 (J)	<0.2	<0.2	0.055 (J)	<0.2	<0.2	0.05 (J)
2/10/2021									
3/30/2021	<0.2		0.052 (J)			0.048 (J)			
3/31/2021				<0.2	<0.2			0.047 (J)	0.073 (J)
4/1/2021									
4/6/2021									
4/7/2021		0.054 (J)					<0.2		
8/17/2021	0.052 (J)	0.079 (J)				0.096 (J)			
8/18/2021			0.16	0.07 (J)	0.066 (J)				
8/19/2021							<0.2	<0.2	0.078 (J)
8/20/2021									
2/9/2022	0.034 (J)	0.069 (J)		0.044 (J)	0.049 (J)	0.11			
2/10/2022			0.061 (J)				<0.2		0.098 (J)
2/11/2022								0.03 (J)	
2/14/2022									
8/17/2022	0.088 (J)					0.076 (J)			
8/18/2022		0.044 (J)	0.051 (J)	0.036 (J)	0.034 (J)		0.034 (J)		0.51
8/19/2022								<0.2	
8/22/2022									
8/23/2022									
8/31/2022									
2/21/2023	0.048 (J)			0.039 (J)	0.041 (J)				
2/22/2023						0.07 (J)	0.063 (J)	0.045 (J)	0.076 (J)
2/23/2023		0.075 (J)	0.074 (J)						
8/1/2023	<0.2			<0.2		0.077 (J)			
8/2/2023							<0.2		
8/7/2023					<0.2			<0.2	0.11
8/8/2023		0.048 (J)	0.077 (J)						

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-3 (bg)	SGWA-2 (bg)	SGWC-11	SGWC-10	SGWC-9
2/20/2024	<0.2					<0.2			
2/21/2024			<0.2	<0.2	<0.2				<0.2
2/23/2024							<0.2	<0.2	
2/26/2024									
2/27/2024		<0.2							
7/31/2024	<0.2	<0.2	0.06 (J)	<0.2	<0.2	0.05 (J)			
8/1/2024							<0.2		<0.2
8/2/2024									
8/5/2024								<0.2	
2/19/2025		<0.2	<0.2					<0.2	<0.2
2/20/2025	<0.2			<0.2	<0.2	<0.2	<0.2		
2/21/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-7	SGWC-6	SGWA-4 (bg)	SGWC-12	SGWC-23	SGWC-22	SGWC-21	SGWC-13
5/10/2016									
5/11/2016	0.362	0.245 (J)	0.133 (J)	0.108 (J)	0.11 (J)				
5/12/2016						0.0341 (J)	0.029 (J)	0.079 (J)	0.042 (J)
5/13/2016									
6/23/2016									
6/24/2016				0.08 (J)					
6/27/2016	0.45	0.23 (J)	0.21 (J)						
6/28/2016					0.18 (J)				0.15 (J)
6/29/2016						0.04 (J)	0.04 (J)	0.15 (J)	
6/30/2016									
8/16/2016									
8/17/2016	0.54	0.22	0.14 (J)	<0.2					
8/18/2016					0.12 (J)				<0.2
8/19/2016						<0.2	<0.2		
8/22/2016								0.083 (J)	
10/13/2016									
10/14/2016									
10/17/2016	0.51		0.11 (J)	<0.2	0.082 (J)				<0.2
10/18/2016		0.24				<0.2	<0.2	<0.2	
10/19/2016									
12/5/2016									
12/6/2016	0.58	0.26	0.14 (J)	0.091 (J)	0.11 (J)				<0.2
12/7/2016						<0.2	<0.2	<0.2	
12/8/2016									
2/14/2017	0.39	0.17 (J)	0.2	0.1 (J)					
2/15/2017					0.13 (J)	0.092 (J)			<0.2
2/16/2017							0.1 (J)	0.12 (J)	
4/10/2017									
4/11/2017				<0.2					
4/12/2017	0.41	0.2	0.089 (J)		0.088 (J)				<0.2
4/13/2017						<0.2	<0.2	<0.2	
6/26/2017				<0.2					
6/27/2017	0.47	0.23	0.085 (J)		0.1 (J)				<0.2
6/28/2017						<0.2	<0.2	0.1 (J)	
10/10/2017									
10/11/2017		0.21	0.089 (J)	<0.2	<0.2				<0.2
10/12/2017	0.47					<0.2	<0.2	<0.2	
3/26/2018									
3/27/2018	0.4	0.19 (J)	<0.2	<0.2	<0.2	<0.2			<0.2
3/28/2018							<0.2	<0.2	
6/5/2018									
6/6/2018	0.4	0.2	<0.2	<0.2	<0.2				
6/7/2018						<0.2	<0.2	<0.2	<0.2
6/8/2018									
10/5/2018									
10/8/2018			<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
10/9/2018	0.47	0.2							
10/16/2018									
10/18/2018									
1/2/2019									
2/18/2019				0.066 (J)					
2/19/2019						0.055 (J)	<0.2		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-7	SGWC-6	SGWA-4 (bg)	SGWC-12	SGWC-23	SGWC-22	SGWC-21	SGWC-13
2/20/2019	0.32	0.2	0.092 (J)		0.052 (J)			0.051 (J)	<0.2
3/28/2019				0.052 (J)					
3/29/2019									
4/1/2019	0.21	0.12 (J)			0.048 (J)				<0.2
4/2/2019			0.1 (J)			0.036 (J)	<0.2	0.066 (J)	
9/12/2019									
9/13/2019									
9/16/2019			0.099 (J)	0.055 (J)	0.065 (J)				
9/17/2019	0.47	0.2						0.077 (J)	0.04 (J)
9/18/2019						0.044 (J)	0.028 (J)		
2/13/2020									
2/17/2020									
2/18/2020	0.38	0.2	0.11	0.068 (J)		0.082 (J)	<0.2	0.073 (J)	
2/19/2020					0.064 (J)				0.027 (J)
2/20/2020									
3/17/2020									
3/18/2020				<0.2					
3/23/2020								0.11	
3/24/2020						0.081 (J)	<0.2		
3/25/2020	0.31		0.13						
3/26/2020		0.14			0.081 (J)				
3/27/2020									0.045 (J)
9/14/2020	0.29	0.11	0.076 (J)	0.035 (J)	0.042 (J)				<0.2
9/15/2020						0.052 (J)	<0.2	0.061 (J)	
2/9/2021	0.37	0.22	0.12	0.059 (J)	0.074 (J)				<0.2
2/10/2021						0.046 (J)	<0.2	0.049 (J)	
3/30/2021								0.074 (J)	
3/31/2021				0.051 (J)		0.046 (J)	<0.2		
4/1/2021	0.38	0.25	0.14						
4/6/2021									
4/7/2021					0.066 (J)				0.053 (J)
8/17/2021				0.093 (J)					
8/18/2021	0.48	0.31	0.19			0.11	0.054 (J)	0.12	
8/19/2021									<0.2
8/20/2021					0.082 (J)				
2/9/2022		0.27	0.19	0.083 (J)					
2/10/2022	0.44				0.06 (J)	0.066 (J)	<0.2		
2/11/2022								0.092 (J)	0.045 (J)
2/14/2022									
8/17/2022									
8/18/2022	0.54	0.14		0.056 (J)	0.052 (J)				0.038 (J)
8/19/2022			0.12						
8/22/2022						0.052 (J)	0.038 (J)	0.09 (J)	
8/23/2022									
8/31/2022									
2/21/2023									
2/22/2023	0.52	0.16	0.11	0.6 (O)					
2/23/2023					0.089 (J)	0.089 (J)	0.075 (J)	0.087 (J)	0.077 (J)
8/1/2023			0.13						
8/2/2023									<0.2
8/7/2023				0.07 (J)	0.078 (J)		0.04 (J)		
8/8/2023	0.78	0.21				0.077 (J)		0.097 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-7	SGWC-6	SGWA-4 (bg)	SGWC-12	SGWC-23	SGWC-22	SGWC-21	SGWC-13
2/20/2024			<0.2	<0.2					
2/21/2024	1.1 (J)	<0.2				<0.2	<0.2		
2/23/2024					<0.2				<0.2
2/26/2024									
2/27/2024								<0.2	
7/31/2024		0.17		0.04 (J)					
8/1/2024	0.64		0.11		<0.2				<0.2
8/2/2024						0.082 (J)	<0.2	<0.2	
8/5/2024									
2/19/2025	0.17 (J)	0.23		<0.2	<0.2				<0.2
2/20/2025			<0.2				<0.2	<0.2	
2/21/2025						<0.2			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-15	SGWC-17	SGWC-16	SGWC-14	SGWC-18	SGWC-19
5/10/2016							
5/11/2016							
5/12/2016	0.259 (J)	0.1071 (J)	0.066 (J)	0.011 (J)	0.031 (J)		
5/13/2016						0.0343 (J)	0.0126 (J)
6/23/2016							
6/24/2016							
6/27/2016							
6/28/2016		0.26 (J)		0.09 (J)	0.03 (J)		
6/29/2016	0.45		0.17 (J)				0.18 (J)
6/30/2016						0.18 (J)	
8/16/2016							
8/17/2016							
8/18/2016		0.14 (J)	<0.2	<0.2	<0.2		
8/19/2016							
8/22/2016	0.33					<0.2	<0.2
10/13/2016							
10/14/2016							
10/17/2016					<0.2		
10/18/2016	0.26	0.12 (J)		<0.2			<0.2
10/19/2016			<0.2			<0.2	
12/5/2016							
12/6/2016							
12/7/2016		0.13 (J)	<0.2	<0.2	<0.2	<0.2	
12/8/2016	0.28						<0.2
2/14/2017							
2/15/2017		0.12 (J)	0.089 (J)		<0.2		
2/16/2017	0.28			<0.2		<0.2	<0.2
4/10/2017							
4/11/2017							
4/12/2017		0.11 (J)			<0.2		
4/13/2017	0.2		<0.2	<0.2		<0.2	<0.2
6/26/2017							
6/27/2017		0.13 (J)	<0.2	<0.2	<0.2		
6/28/2017	0.22					<0.2	<0.2
10/10/2017							
10/11/2017					<0.2		
10/12/2017	0.18 (J)	0.13 (J)	<0.2	<0.2		<0.2	<0.2
3/26/2018							
3/27/2018		0.12 (J)	<0.2	<0.2	<0.2		
3/28/2018	0.19 (J)					<0.2	<0.2
6/5/2018							
6/6/2018							
6/7/2018	0.21	0.14 (J)	<0.2	<0.2	<0.2		
6/8/2018						<0.2	<0.2
10/5/2018							
10/8/2018			<0.2	<0.2	<0.2		
10/9/2018							<0.2
10/16/2018		0.14 (J)					
10/18/2018	0.23					<0.2	
1/2/2019						<0.2	
2/18/2019							
2/19/2019							

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-15	SGWC-17	SGWC-16	SGWC-14	SGWC-18	SGWC-19
2/20/2019	0.2	0.33	0.034 (J)	<0.2	<0.2	<0.2	<0.2
3/28/2019							
3/29/2019							
4/1/2019		0.072 (J)			<0.2		
4/2/2019	0.15 (J)		0.045 (J)	<0.2		0.05 (J)	<0.2
9/12/2019							
9/13/2019							
9/16/2019							
9/17/2019	0.14	0.1	0.047 (J)	<0.2	0.028 (J)	0.034 (J)	<0.2
9/18/2019							
2/13/2020							
2/17/2020							
2/18/2020	0.16						
2/19/2020		0.13	0.046 (J)	<0.2	0.026 (J)		<0.2
2/20/2020						<0.2	
3/17/2020							
3/18/2020							
3/23/2020	0.25						0.057 (J)
3/24/2020			0.058 (J)				
3/25/2020							
3/26/2020						0.091 (J)	
3/27/2020		0.13		0.027 (J)	0.041 (J)		
9/14/2020							
9/15/2020	0.15	0.15	0.052 (J)	0.037 (J)	0.04 (J)	<0.2	<0.2
2/9/2021		0.14		<0.2	<0.2		
2/10/2021	0.19		0.03 (J)			<0.2	<0.2
3/30/2021	0.18					0.1 (J)	<0.2
3/31/2021		0.12					
4/1/2021			0.051 (J)	<0.2			
4/6/2021					<0.2		
4/7/2021							
8/17/2021							
8/18/2021			0.087 (J)			0.099 (J)	
8/19/2021	0.17	0.12		0.038 (J)	<0.2		<0.2
8/20/2021							
2/9/2022							
2/10/2022				<0.2		0.039 (J)	
2/11/2022	0.14	0.14	0.064 (J)				<0.2
2/14/2022					0.035 (J)		
8/17/2022							
8/18/2022							
8/19/2022		0.11			<0.2		
8/22/2022	0.22						0.041 (J)
8/23/2022						0.1 (J)	
8/31/2022			0.058 (J)	0.058 (J)			
2/21/2023							
2/22/2023	0.13		0.06 (J)			0.061 (J)	0.046 (J)
2/23/2023		0.11		0.045 (J)	0.068 (J)		
8/1/2023							
8/2/2023							
8/7/2023	0.18	0.13	0.076 (J)			0.043 (J)	<0.2
8/8/2023				<0.2	<0.2		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-15	SGWC-17	SGWC-16	SGWC-14	SGWC-18	SGWC-19
2/20/2024							<0.2
2/21/2024							
2/23/2024							
2/26/2024	<0.2	<0.2	<0.2	<0.2			
2/27/2024					<0.2	<0.2	
7/31/2024							
8/1/2024		<0.2		<0.2	<0.2		<0.2
8/2/2024	<0.2						
8/5/2024			<0.2			<0.2	
2/19/2025			<0.2	<0.2	<0.2		
2/20/2025	<0.2	<0.2					
2/21/2025						<0.2	<0.2

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWA-3 (bg)	SGWC-11	SGWC-12	SGWA-4 (bg)
5/10/2016	5.51	6.83	5.84	6.34	6.14	5.75			
5/11/2016							5.84	6.28	6.49
5/12/2016									
5/13/2016									
6/23/2016	5.5	6.82	5.71	6.33					
6/24/2016					6.14	5.78			6.48
6/27/2016					6.08				
6/28/2016							5.77	6.26	
6/29/2016									
6/30/2016									
8/16/2016	5.42	6.73	5.64	6.35		5.72			
8/17/2016					6.1		5.71		6.42
8/18/2016								6.23	
8/19/2016									
8/22/2016									
10/13/2016	5.52			6.34					
10/14/2016		6.74	5.59		6.14	5.71			
10/17/2016							5.69	6.27	6.44
10/18/2016									
10/19/2016									
12/5/2016				6.32					
12/6/2016	5.33	6.74	5.46		6.19	5.68	5.58	6.28	6.48
12/7/2016									
12/8/2016									
2/14/2017	5.29	6.85	5.29	6.33	6.34	5.57			6.18
2/15/2017							5.54	6.21	
2/16/2017									
4/10/2017				6.31					
4/11/2017	5.21	6.75	5.54		6.16	5.7			6.49
4/12/2017							5.47	6.15	
4/13/2017									
6/26/2017	5.25	6.82	5.54	6.35		5.68			6.48
6/27/2017					6.08		5.47	6.23	
6/28/2017									
10/10/2017	5.49	6.87		6.37					
10/11/2017			5.43		6.16	5.63	5.58	6.26	6.42
10/12/2017									
3/26/2018	5.39	6.77		6.32		5.89			
3/27/2018			5.52		6.12		5.65	6.32	6.53
3/28/2018									
6/5/2018	5.38	6.73	5.59	6.27	6.06				
6/6/2018						5.62	5.32	6.1	6.7
6/7/2018									
6/8/2018									
10/5/2018	5.46	6.81	5.7	6.37		5.76			
10/8/2018			5.59		6.16			6.16	6.53
10/9/2018									
10/16/2018							5.34		
10/17/2018							5.35		
10/18/2018									
2/18/2019	5.43	6.74							6.28
2/19/2019			5.67	6.29	6.03	5.69			

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWA-3 (bg)	SGWC-11	SGWC-12	SGWA-4 (bg)
2/20/2019							5.22	6.07	
2/21/2019									
3/28/2019			5.67		6.15	5.88			6.53
3/29/2019	5.22	6.81		6.31					
4/1/2019							5.24	6.14	
4/2/2019									
9/12/2019			5.59						
9/13/2019				6.36					
9/16/2019	5.22	6.82			6.01	5.8	5.3	6.18	6.44
9/17/2019									
9/18/2019									
2/13/2020	5.09	6.59		6.24					
2/17/2020			5.73		6.1				
2/18/2020						5.76	5.09		6.38
2/19/2020								6.07	
2/20/2020									
3/17/2020		6.83	5.62		6.02	5.87			
3/18/2020	5.37			6.4					6.36
3/23/2020									
3/24/2020									
3/25/2020							5.16		
3/26/2020								6.1	
3/27/2020									
5/19/2020	5.37	6.8	5.61	6.37	6.03	5.8			6.38
9/14/2020	5.11	6.73	5.82	6.52	5.98	5.84	5.14	6.11	6.4
9/15/2020									
2/9/2021	5.25	6.75	5.53	6.4	6.06	5.8	5.24	6.13	6.38
2/10/2021									
3/30/2021	5.28	6.73		6.27					
3/31/2021			5.5			5.72			6.33
4/1/2021									
4/6/2021									
4/7/2021					6.12		5.18	6.44	
8/17/2021	5.26	6.84			6.08				6.41
8/18/2021			5.51	6.45		5.85			
8/19/2021							5.23		
8/20/2021								6.13	
2/9/2022	5.28	7.01	5.56		6.17	5.84			6.38
2/10/2022				6.38			5.11	6.19	
2/11/2022									
2/14/2022									
8/17/2022	5.16	6.79							
8/18/2022			5.43	6.32	6.03	5.64	5.06	6.12	6.35
8/19/2022									
8/22/2022									
8/23/2022									
8/31/2022									
10/25/2022									
10/31/2022									
11/16/2022									
2/21/2023	5.28		5.6			5.82			
2/22/2023		6.85					5.1		6.36

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWA-3 (bg)	SGWC-11	SGWC-12	SGWA-4 (bg)
2/23/2023				6.33	6.04			6.04	
8/1/2023	5.3	6.77	5.48						
8/2/2023							5.09		
8/7/2023						5.84		5.83	6.39
8/8/2023				6.35	6.06				
2/20/2024	5.44	6.99							6.27
2/21/2024			5.63	6.31		5.96			
2/23/2024							5.07	6.11	
2/26/2024									
2/27/2024					6.7				
7/31/2024	5.3	6.77	5.49	6.27	5.93	5.83			6.29
8/1/2024							5.03	5.97	
8/2/2024									
8/5/2024									
2/19/2025				6.5	6.18			6.22	6.33
2/20/2025	5.44	6.95	5.48			5.89	5.38		
2/21/2025									

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-10	SGWC-7	SGWC-8	SGWC-9	SGWC-15	SGWC-23	SGWC-22	SGWC-21
5/10/2016									
5/11/2016	6.39	5.7	6.66	6.35	6.24				
5/12/2016						4.76	6.18	5.68	5.95
5/13/2016									
6/23/2016									
6/24/2016									
6/27/2016	6.3		6.73	6.41	6.15				
6/28/2016		5.67				4.69			
6/29/2016					6.18		5.88	5.68	5.96
6/30/2016									
8/16/2016									
8/17/2016	6.28	5.55	6.55	6.45					
8/18/2016						4.73			
8/19/2016							5.84	5.65	
8/22/2016					6.15				5.96
10/13/2016									
10/14/2016									
10/17/2016	6.3	5.45		6.43					
10/18/2016			6.59		6.11	4.62	5.89	5.71	5.9
10/19/2016									
12/5/2016									
12/6/2016	6.3	5.49	6.51	6.48					
12/7/2016					6.14	4.63	5.87	5.71	6.03
12/8/2016									
2/14/2017	6.31		6.3	6.39					
2/15/2017		5.29				4.51	6.04		
2/16/2017					5.95			5.7	6.03
4/10/2017									
4/11/2017									
4/12/2017	6.23	5.39	6.43	6.35		4.67			
4/13/2017					6.09		5.85	5.7	5.93
6/26/2017									
6/27/2017	6.23		6.56	6.41	6.09	4.66			
6/28/2017							5.9	5.66	6
10/10/2017									
10/11/2017	6.09		6.4						
10/12/2017		5.3		6.41	6.16	4.76	6.07	5.73	6.09
3/26/2018									
3/27/2018	6.2	5.58	6.6	6.66		4.61	5.99		
3/28/2018					6.3			5.89	6.08
6/5/2018									
6/6/2018	5.99	5.43	6.56	6.42	6.12				
6/7/2018						4.62	5.97	5.66	6.1
6/8/2018									
10/5/2018									
10/8/2018	6.3						5.94	5.74	6.14
10/9/2018		5.29	6.56	6.51	6.06				
10/16/2018						4.59			
10/17/2018						4.67			
10/18/2018									
2/18/2019									
2/19/2019							5.9	5.69	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-10	SGWC-7	SGWC-8	SGWC-9	SGWC-15	SGWC-23	SGWC-22	SGWC-21
2/20/2019	6.34	5.43	6.4	6.4		4.62			
2/21/2019					6.1				6.08
3/28/2019									
3/29/2019									
4/1/2019		5.46	6.57	6.41	6.11	4.72			
4/2/2019	6.25						5.87	5.65	6.09
9/12/2019									
9/13/2019									
9/16/2019	6.26				6.11				
9/17/2019		5.31	6.41	6.5		4.65			6.27
9/18/2019							5.97	5.66	
2/13/2020									
2/17/2020									
2/18/2020	6.32		6.35	6.39			5.95	5.59	6.06
2/19/2020		5.07			6.03	4.58			
2/20/2020									
3/17/2020									
3/18/2020									
3/23/2020									6.12
3/24/2020							6	5.62	
3/25/2020	6.31	5.26		6.35	6.01				
3/26/2020			6.52						
3/27/2020						4.51			
5/19/2020									
9/14/2020	6.29	5.51	6.31	6.56	6.33				
9/15/2020						4.87	5.89	5.65	6.1
2/9/2021	6.34	5.23	6.42	6.35	6.21	4.63			
2/10/2021							5.85	5.58	6.21
3/30/2021									6.17
3/31/2021		5.3			6.2	4.77	5.93	5.73	
4/1/2021	6.31		6.44	6.32					
4/6/2021									
4/7/2021									
8/17/2021									
8/18/2021	6.33		6.61	6.48			6.01	5.76	6.26
8/19/2021		5.21			6.22	4.63			
8/20/2021									
2/9/2022	6.33		6.77						
2/10/2022				6.47	6.25		6.13	5.78	
2/11/2022		5.13				4.59			6.31
2/14/2022									
8/17/2022									
8/18/2022			6.77	6.8	6.52				
8/19/2022	6.24	5.22				4.61			
8/22/2022							5.91	5.62	6.17
8/23/2022									
8/31/2022									
10/25/2022									
10/31/2022							6	5.72	6.29
11/16/2022									
2/21/2023									
2/22/2023	6.28	5.23	6.51	6.51	6.14				

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-10	SGWC-7	SGWC-8	SGWC-9	SGWC-15	SGWC-23	SGWC-22	SGWC-21
2/23/2023						4.59	6	5.72	6.19
8/1/2023	6.21								
8/2/2023									
8/7/2023		5.2			6.29	4.55		5.7	
8/8/2023			6.48	6.66			5.92		6.29
2/20/2024	6.36								
2/21/2024			6.52	6.67	6.17		6.02	5.71	
2/23/2024		5.18							
2/26/2024						4.6			
2/27/2024									6.29
7/31/2024			6.39						
8/1/2024	6.18			6.57	6.18	4.68			
8/2/2024							5.96	5.69	6.2
8/5/2024		5.17							
2/19/2025		5.32	6.51	6.65	6.21				
2/20/2025	6.3					4.55		5.7	6.44
2/21/2025							5.93		

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-14	SGWC-20	SGWC-17	SGWC-16	SGWC-13	SGWC-18	SGWC-19
5/10/2016							
5/11/2016							
5/12/2016	5.79	4.36	6.21	5.29	6.09		
5/13/2016						4.7	5.55
6/23/2016							
6/24/2016							
6/27/2016							
6/28/2016	5.77			5.3	6.07		
6/29/2016		4.3	6.21				5.5
6/30/2016						4.69	
8/16/2016							
8/17/2016							
8/18/2016	5.75		6.24	5.3	6		
8/19/2016							
8/22/2016		4.37				4.68	5.5
10/13/2016							
10/14/2016							
10/17/2016	5.73				6.01		
10/18/2016		4.26	6.18	5.23			5.46
10/19/2016			6.2			4.65	
12/5/2016							
12/6/2016					5.98		
12/7/2016	5.75		6.19	5.31		4.69	
12/8/2016		4.28					5.39
2/14/2017							
2/15/2017	5.58		6.25		5.74		
2/16/2017		4.29		4.77		4.77	5.32
4/10/2017							
4/11/2017							
4/12/2017	5.85				6.01		
4/13/2017		4.24	6.21	5.28		4.79	5.47
6/26/2017							
6/27/2017	5.86		6.27	5.22	6.05		
6/28/2017		4.28				4.78	5.5
10/10/2017							
10/11/2017	5.98				6.14		
10/12/2017		4.32	6.33	5.43		4.86	5.57
3/26/2018							
3/27/2018	5.87		6.26	5.28	6.25		
3/28/2018		4.25				4.74	5.74
6/5/2018							
6/6/2018							
6/7/2018	5.81	4.26	6.21	5.26	5.93		
6/8/2018						4.69	5.52
10/5/2018							
10/8/2018	5.83		6.17	5.29	6.02		
10/9/2018							5.51
10/16/2018							
10/17/2018							
10/18/2018		4.3				4.7	
2/18/2019							
2/19/2019							

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-14	SGWC-20	SGWC-17	SGWC-16	SGWC-13	SGWC-18	SGWC-19
2/20/2019		4.26	6.26	5.23	5.97	4.76	5.58
2/21/2019	5.65						
3/28/2019							
3/29/2019							
4/1/2019	5.89				6.06		
4/2/2019		4.33	6.26	5.27		4.72	5.5
9/12/2019							
9/13/2019							
9/16/2019							
9/17/2019	5.78	4.37	6.23	5.26	5.98	4.77	5.55
9/18/2019							
2/13/2020							
2/17/2020							
2/18/2020		4.3					
2/19/2020	5.75		6.16	5.16	5.94		5.53
2/20/2020						4.64	
3/17/2020							
3/18/2020							
3/23/2020		4.19					5.51
3/24/2020			6.21				
3/25/2020							
3/26/2020						4.74	
3/27/2020	5.74			5.17	5.89		
5/19/2020							
9/14/2020					6		
9/15/2020	6.01	4.3	6.42	5.56		4.94	5.51
2/9/2021	5.85			5.22	5.98		
2/10/2021		4.22	6.23			4.8	5.55
3/30/2021		4.32				4.82	5.57
3/31/2021							
4/1/2021			6.25	5.24			
4/6/2021	5.84						
4/7/2021					6.07		
8/17/2021							
8/18/2021			6.26			4.83	
8/19/2021	5.86	4.28		5.28	5.99		5.61
8/20/2021							
2/9/2022							
2/10/2022				5.21		4.86	
2/11/2022		4.25	6.39		6.02		5.65
2/14/2022	5.77						
8/17/2022							
8/18/2022					5.78		
8/19/2022	5.62						
8/22/2022		4.3					5.54
8/23/2022						4.8	
8/31/2022			6.26	5.1			
10/25/2022			6.27	5.23			
10/31/2022		4.32				4.89	5.53
11/16/2022			6.23	5.17			
2/21/2023							
2/22/2023		4.38	6.23			5	5.53

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-14	SGWC-20	SGWC-17	SGWC-16	SGWC-13	SGWC-18	SGWC-19
2/23/2023	5.72			5.13	5.94		
8/1/2023							
8/2/2023					5.92		
8/7/2023		4.29	6.25			4.83	5.45
8/8/2023	5.73			5.15			
2/20/2024							5.61
2/21/2024							
2/23/2024					6.03		
2/26/2024		4.15	6.28	5.13			
2/27/2024	5.84					4.62	
7/31/2024							
8/1/2024	5.56			4.91	5.84		5.26
8/2/2024		4.26					
8/5/2024			6.12			4.85	
2/19/2025	5.79		6.28	5.1	6.06		
2/20/2025		4.17					
2/21/2025						4.78	5.59

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-3 (bg)	SGWA-2 (bg)	SGWC-11	SGWC-10	SGWC-9
5/10/2016	0.6766 (J)	0.686 (J)	<1	0.4716 (J)	2.82	0.4053 (J)			
5/11/2016							6.31	7.43	313
5/12/2016									
5/13/2016									
6/23/2016	0.94 (J)		0.3 (J)	0.46 (J)		0.55 (J)			
6/24/2016					2.3				
6/27/2016		0.61 (J)							
6/28/2016							3.7	6.3	
6/29/2016									280
6/30/2016									
8/16/2016	1.2		<1	<1	1.5	<1			
8/17/2016		<1					2.4	11	
8/18/2016									
8/19/2016									
8/22/2016									300
10/13/2016	2.9		<1						
10/14/2016		<1		<1	1.2	<1			
10/17/2016							2.1	4.4	
10/18/2016									280
10/19/2016									
12/5/2016			<1						
12/6/2016	3.2	<1		<1	1.3	<1	1.9	11	
12/7/2016									280
12/8/2016									
2/14/2017	0.76 (J)	<1	<1	<1	1.9	<1			
2/15/2017							1.2	1.3	
2/16/2017									300
4/10/2017			<1						
4/11/2017	<1	<1		<1	1.3	<1			
4/12/2017							1	2.8	
4/13/2017									280
6/26/2017	0.74 (J)		<1	<1	1.5	<1			
6/27/2017		<1					1.2	8.2	340
6/28/2017									
10/10/2017	0.76 (J)		<1			<1			
10/11/2017		<1		<1	0.98 (J)		0.82 (J)		
10/12/2017								1.3	310
6/5/2018	<1	<1	<1	<1		<1			
6/6/2018					1.8		0.89 (J)	2.9	320
6/7/2018									
6/8/2018									
10/16/2018							1.3		
10/18/2018									
12/13/2018	<1	<1	<1	<1	1.4	<1			
12/14/2018									
12/17/2018								16	330
1/2/2019									
3/28/2019		<1		<1	1.9				
3/29/2019	<1		<1			0.65 (J)			
4/1/2019							0.81 (J)	21	310
4/2/2019									
9/12/2019				<1					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-3 (bg)	SGWA-2 (bg)	SGWC-11	SGWC-10	SGWC-9
9/13/2019			<1						
9/16/2019	0.98 (J)	<1			0.92 (J)	0.68 (J)	0.72 (J)		310
9/17/2019								2.3	
9/18/2019									
3/17/2020		0.61 (J)		0.55 (J)	1.6	0.78 (J)			
3/18/2020	1.2		0.45 (J)						
3/23/2020									
3/24/2020									
3/25/2020							0.58 (J)	14	300
3/26/2020									
3/27/2020									
9/14/2020	0.58 (J)	<1	<1	<1	0.82 (J)	<1	0.59 (J)	2.2	220
9/15/2020									
3/30/2021	1.2		<1			<1			
3/31/2021				<1	1.1			15	240
4/1/2021									
4/6/2021									
4/7/2021		<1					1.3		
8/17/2021	<1	<1				<1			
8/18/2021			1	<1	0.9 (J)				
8/19/2021							<1	2.2	160
8/20/2021									
2/9/2022	1	<1		<1	1.3	1.2			
2/10/2022			<1				<1		190
2/11/2022								2.1	
2/14/2022									
8/17/2022	0.94 (J)					0.87 (J)			
8/18/2022		<1	<1	<1	<1		<1		200
8/19/2022								4.5	
8/22/2022									
8/23/2022									
8/31/2022									
2/21/2023	1.3			1.2	1.6				
2/22/2023						1.4	3.1	18	200
2/23/2023		1.3	1.6						
8/1/2023	0.48 (J)			<1		0.48 (J)			
8/2/2023							4.8		
8/7/2023					0.64 (J)			7.1	200
8/8/2023		<1	<1						
2/20/2024	0.88 (J)					0.9 (J)			
2/21/2024			<1	<1	0.69 (J)				200
2/23/2024							8	9.1	
2/26/2024									
2/27/2024		0.55 (J)							
7/31/2024	0.52 (J)	<1	<1	<1	0.67 (J)	0.45 (J)			
8/1/2024							13		160
8/2/2024									
8/5/2024								23	
2/19/2025		<1	<1					36	120
2/20/2025	0.5 (J)			<1	0.59 (J)	<1	31		
2/21/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-7	SGWC-6	SGWA-4 (bg)	SGWC-12	SGWC-21	SGWC-20	SGWC-14	SGWC-16
5/10/2016									
5/11/2016	61.6	21.6	0.866 (J)	3.75	30.1				
5/12/2016						76.9	255	194	9.9
5/13/2016									
6/23/2016									
6/24/2016				3					
6/27/2016	64	17	0.86 (J)						
6/28/2016					25			200	11
6/29/2016						78	270		
6/30/2016									
8/16/2016									
8/17/2016	63	19	<1	1.8					
8/18/2016					24			180	14
8/19/2016									
8/22/2016						78	270		
10/13/2016									
10/14/2016									
10/17/2016	64		<1	1.4	23			190	
10/18/2016		17				70	240		15
10/19/2016									
12/5/2016									
12/6/2016	72	18	<1	1.4	28				
12/7/2016						80		200	17
12/8/2016							240		
2/14/2017	73	21	1	1.1					
2/15/2017					33			190	
2/16/2017						77	230		17
4/10/2017									
4/11/2017				1					
4/12/2017	64	18	<1		30			170	
4/13/2017						70	220		15
6/26/2017				0.99 (J)					
6/27/2017	77	19	<1		33			200	19
6/28/2017						82	240		
10/10/2017									
10/11/2017		15	<1	0.93 (J)	33			190	
10/12/2017	74					76	210		20
6/5/2018									
6/6/2018	74	14	<1	0.89 (J)	41				
6/7/2018						79	210	190	25
6/8/2018									
10/16/2018									
10/18/2018							210		
12/13/2018				0.76 (J)					
12/14/2018	72	10	<1		43			190	
12/17/2018						88			28
1/2/2019									
3/28/2019				1.2					
3/29/2019									
4/1/2019	67	16			48			180	
4/2/2019			1.3			92	220		31
9/12/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-7	SGWC-6	SGWA-4 (bg)	SGWC-12	SGWC-21	SGWC-20	SGWC-14	SGWC-16
9/13/2019									
9/16/2019			0.53 (J)	1.1	44				
9/17/2019	77	8.7				99	220	200	33
9/18/2019									
3/17/2020									
3/18/2020				1.3					
3/23/2020						120	220		
3/24/2020									
3/25/2020	62		0.58 (J)						
3/26/2020		15			44				
3/27/2020								180	35
9/14/2020	81	17	0.46 (J)	0.96 (J)	41				
9/15/2020						130	200	180	36
3/30/2021						140	220		
3/31/2021				1.1					
4/1/2021	74	18	<1						37
4/6/2021								190	
4/7/2021					54				
8/17/2021				1.1					
8/18/2021	78	12	<1			130			
8/19/2021							230	190	38
8/20/2021					60				
2/9/2022		7.1	0.88 (J)	1.1					
2/10/2022	80				41				45
2/11/2022						120	230		
2/14/2022								220	
8/17/2022									
8/18/2022	78	5.3		<1	50				
8/19/2022			<1					200	
8/22/2022						130	220		
8/23/2022									
8/31/2022									49
2/21/2023									
2/22/2023	52	6.7	1.4	1.4			230		
2/23/2023					57	120		210	55
8/1/2023			0.4 (J)						
8/2/2023									
8/7/2023				0.53 (J)	54		240		
8/8/2023	41	4.5				110		210	59
2/20/2024			1.5	<1					
2/21/2024	44	5.2							
2/23/2024					61				
2/26/2024							280		69
2/27/2024						130		240	
7/31/2024		4.8		0.46 (J)					
8/1/2024	29		<1		59			200	73
8/2/2024						100	260		
8/5/2024									
2/19/2025	37	4.8		0.51 (J)	83			230	84
2/20/2025			<1			120	280		
2/21/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-22	SGWC-17	SGWC-23	SGWC-15	SGWC-18	SGWC-19
5/10/2016							
5/11/2016							
5/12/2016	89.7	85.3	125	131	194		
5/13/2016						484	212
6/23/2016							
6/24/2016							
6/27/2016							
6/28/2016	76				200		
6/29/2016		84	120	120			220
6/30/2016						490	
8/16/2016							
8/17/2016							
8/18/2016	78		130		190		
8/19/2016		81		120			
8/22/2016						500	220
10/13/2016							
10/14/2016							
10/17/2016	73						
10/18/2016		83		130	190		210
10/19/2016			140			520	
12/5/2016							
12/6/2016	76						
12/7/2016		85	160	140	200	510	
12/8/2016							220
2/14/2017							
2/15/2017	73		160	120	190		
2/16/2017		83				450	210
4/10/2017							
4/11/2017							
4/12/2017	70				170		
4/13/2017		79	140	100		380	190
6/26/2017							
6/27/2017	78		160		200		
6/28/2017		90		120		390	220
10/10/2017							
10/11/2017	72						
10/12/2017		87	170	120	190	430	210
6/5/2018							
6/6/2018							
6/7/2018	69	94	170	100	190		
6/8/2018						870	220
10/16/2018					200		
10/18/2018						1200	
12/13/2018							
12/14/2018	74		180				
12/17/2018		99		96			270
1/2/2019						1100	
3/28/2019							
3/29/2019							
4/1/2019	82				190		
4/2/2019		100	180	95		1100	240
9/12/2019							

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-22	SGWC-17	SGWC-23	SGWC-15	SGWC-18	SGWC-19
9/13/2019							
9/16/2019							
9/17/2019	79		200		220	1100	260
9/18/2019		100		95			
3/17/2020							
3/18/2020							
3/23/2020							250
3/24/2020		100	190	71			
3/25/2020							
3/26/2020						1000	
3/27/2020	81				190		
9/14/2020	89						
9/15/2020		110	190	72	190	860	250
3/30/2021						960	270
3/31/2021		120		75	200		
4/1/2021			210				
4/6/2021							
4/7/2021	96						
8/17/2021							
8/18/2021		110	200	66		940	
8/19/2021	82				200		280
8/20/2021							
2/9/2022							
2/10/2022		100		73		890	
2/11/2022	94		190		200		260
2/14/2022							
8/17/2022							
8/18/2022	95						
8/19/2022					180		
8/22/2022		110		61			260
8/23/2022						910	
8/31/2022			220				
2/21/2023							
2/22/2023			230			790	260
2/23/2023	96	120		64	190		
8/1/2023							
8/2/2023	100						
8/7/2023		110	240		190	760	260
8/8/2023				55			
2/20/2024							310
2/21/2024		110		64			
2/23/2024	110						
2/26/2024			270		210		
2/27/2024						870	
7/31/2024							
8/1/2024	120				240		26
8/2/2024		93		45			
8/5/2024			290			870	
2/19/2025	170		340				
2/20/2025		88			210		
2/21/2025				52		850	270

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-3 (bg)	SGWA-2 (bg)	SGWC-11	SGWC-10	SGWC-9
5/10/2016	44	100	110	64	59	96			
5/11/2016							80	68	527
5/12/2016									
5/13/2016									
6/23/2016	38		118	58		91			
6/24/2016					39				
6/27/2016		117							
6/28/2016							134	41	
6/29/2016									562
6/30/2016									
8/16/2016	22		110	52	38	100			
8/17/2016		86					42	70	
8/18/2016									
8/19/2016									
8/22/2016									500
10/13/2016	66		120						
10/14/2016		80		58	34	100			
10/17/2016							24	6	
10/18/2016									490
10/19/2016									
12/5/2016			110						
12/6/2016	54	110		72	70	110	70	40	
12/7/2016									510
12/8/2016									
2/14/2017	18	98	86	52	32	76			
2/15/2017							34	18	
2/16/2017									520
4/10/2017			120						
4/11/2017	50	110		78	64	120			
4/12/2017							36	18	
4/13/2017									590
6/26/2017	60		130	80	64	110			
6/27/2017		18					8	50	550
6/28/2017									
10/10/2017	36		110			100			
10/11/2017		94		64	42		56		
10/12/2017								46	560
6/5/2018	8	80	76	50		74			
6/6/2018					46		40	38	590
6/7/2018									
6/8/2018									
10/16/2018							100		
10/18/2018									
12/13/2018	16	4 (J)	100	58	4 (J)	110			
12/14/2018									
12/17/2018								38	510
1/2/2019									
3/28/2019		79		58	43				
3/29/2019	<10		110			72			
4/1/2019							33	82	580
4/2/2019									
9/12/2019				22					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-3 (bg)	SGWA-2 (bg)	SGWC-11	SGWC-10	SGWC-9
9/13/2019			200						
9/16/2019	17	42			19	91	<10		550
9/17/2019								17	
9/18/2019									
3/17/2020		98		30	52	100			
3/18/2020	25		110						
3/23/2020									
3/24/2020									
3/25/2020							38	59	540
3/26/2020									
3/27/2020									
9/14/2020	20	71	95	36	55	93	39	45	470
9/15/2020									
3/30/2021	32		110			110			
3/31/2021				35	57			64	430
4/1/2021									
4/6/2021									
4/7/2021		95					40		
8/17/2021	27	97				110			
8/18/2021			120	53	66				
8/19/2021							36	54	380
8/20/2021									
2/9/2022	45	93		60	54	100			
2/10/2022			130				39		410
2/11/2022								44	
2/14/2022									
8/17/2022	82					130			
8/18/2022		88	170	94	64		54		470
8/19/2022								63	
8/22/2022									
8/23/2022									
11/16/2022									
2/21/2023	41			65	55				
2/22/2023						100	41	56	430
2/23/2023		90	130						
8/1/2023	61			80		110			
8/2/2023							52		
8/7/2023					59			60	430
8/8/2023		91	130						
2/20/2024	45					100			
2/21/2024			140	78	54				380
2/23/2024							55	52	
2/26/2024									
2/27/2024		96							
7/31/2024	47	90	130	80	59	110			
8/1/2024							69		360
8/2/2024									
8/5/2024								86	
2/19/2025		92	130					93	310
2/20/2025	48			74	51	100	90		
2/21/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-7	SGWC-6	SGWA-4 (bg)	SGWC-12	SGWC-21	SGWC-20	SGWC-14	SGWC-16
5/10/2016									
5/11/2016	330	222	104	91	195				
5/12/2016						260	386	309	46
5/13/2016									
6/23/2016									
6/24/2016				78					
6/27/2016	423	275	112						
6/28/2016					200			333	60
6/29/2016						311	436		
6/30/2016									
8/16/2016									
8/17/2016	410	220	86	100					
8/18/2016					200			320	48
8/19/2016									
8/22/2016						390	290		
10/13/2016									
10/14/2016									
10/17/2016	370		60	58	160			320	
10/18/2016		210				300	200		60
10/19/2016									
12/5/2016									
12/6/2016	420	250	90	98	220				
12/7/2016						310		340	64
12/8/2016							370		
2/14/2017	370	210	54	78					
2/15/2017					200			340	
2/16/2017						310	350		40
4/10/2017									
4/11/2017				110					
4/12/2017	370	200	64		180			300	
4/13/2017						300	380		76
6/26/2017				110					
6/27/2017	380	180	40		200			320	50
6/28/2017						290	320		
10/10/2017									
10/11/2017		210	82	120	190			340	
10/12/2017	400					290	350		68
6/5/2018									
6/6/2018	410	210	100	120	260				
6/7/2018						260	320	340	74
6/8/2018									
10/16/2018									
10/18/2018							370		
12/13/2018				94					
12/14/2018	390	170	44		190			280	
12/17/2018						310			42
1/2/2019									
3/28/2019				110					
3/29/2019									
4/1/2019	370	200			200			330	
4/2/2019			91			300	370		73
9/12/2019									

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-7	SGWC-6	SGWA-4 (bg)	SGWC-12	SGWC-21	SGWC-20	SGWC-14	SGWC-16
9/13/2019									
9/16/2019			76	57	200				
9/17/2019	380	140				290	320	310	59
9/18/2019									
3/17/2020									
3/18/2020				140					
3/23/2020						330	330		
3/24/2020									
3/25/2020	360		94						
3/26/2020		180			200				
3/27/2020								330	99
9/14/2020	360	200	99	110	190				
9/15/2020						390	350	360	90
3/30/2021						380	350		
3/31/2021				120					
4/1/2021	360	200	83						88
4/6/2021								320	
4/7/2021					210				
8/17/2021				130					
8/18/2021	410	210	140			380			
8/19/2021							340	370	100
8/20/2021					220				
2/9/2022		170	130	110					
2/10/2022	400				210				100
2/11/2022						350	350		
2/14/2022								360	
8/17/2022									
8/18/2022	420	200		140	230				
8/19/2022			150					370	
8/22/2022						380	370		
8/23/2022									
11/16/2022									110
2/21/2023									
2/22/2023	350	170	120	120			350		
2/23/2023					220	350		390	130
8/1/2023			100						
8/2/2023									
8/7/2023				130	210		350		
8/8/2023	360	170				360		360	130
2/20/2024			120	130					
2/21/2024	320	160							
2/23/2024					170				
2/26/2024							380		140
2/27/2024						360		330	
7/31/2024		170		130					
8/1/2024	300		130		220			340	150
8/2/2024						380	360		
8/5/2024									
2/19/2025	330	160		120	220			350	150
2/20/2025			130			380	390		
2/21/2025									

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-22	SGWC-17	SGWC-23	SGWC-15	SGWC-18	SGWC-19
5/10/2016							
5/11/2016							
5/12/2016	190	212	261	288	298		
5/13/2016						728	366
6/23/2016							
6/24/2016							
6/27/2016							
6/28/2016	198				337		
6/29/2016		214	323	272			370
6/30/2016						742	
8/16/2016							
8/17/2016							
8/18/2016	180		310		310		
8/19/2016		230		290			
8/22/2016						670	350
10/13/2016							
10/14/2016							
10/17/2016	140						
10/18/2016		190		270	320		340
10/19/2016			330 (D)			700	
12/5/2016							
12/6/2016	110						
12/7/2016		230	370	300	270	720	
12/8/2016							350
2/14/2017							
2/15/2017	160		350	260	310		
2/16/2017		200				600	340
4/10/2017							
4/11/2017							
4/12/2017	140				280		
4/13/2017		220	390	300		640	350
6/26/2017							
6/27/2017	170		350		290		
6/28/2017		190		250		540	340
10/10/2017							
10/11/2017	170						
10/12/2017		230	380	280	330	640	370
6/5/2018							
6/6/2018							
6/7/2018	190	210	360	220	310		
6/8/2018						820	320
10/16/2018					350		
10/18/2018						1200	
12/13/2018							
12/14/2018	140		390				
12/17/2018		260		30			250
1/2/2019						1600	
3/28/2019							
3/29/2019							
4/1/2019	190				330		
4/2/2019		240	400	250		1700	420
9/12/2019							

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/17/2025 11:19 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-22	SGWC-17	SGWC-23	SGWC-15	SGWC-18	SGWC-19
9/13/2019							
9/16/2019							
9/17/2019	170		380		320	1600	400
9/18/2019		470		490			
3/17/2020							
3/18/2020							
3/23/2020							390
3/24/2020		250	430	210			
3/25/2020							
3/26/2020						1600	
3/27/2020	200				330		
9/14/2020	190						
9/15/2020		250	440	210	340	1500	450
3/30/2021						1500	420
3/31/2021		240		220	300		
4/1/2021			410				
4/6/2021							
4/7/2021	200						
8/17/2021							
8/18/2021		260	450	210		1400	
8/19/2021	210				320		440
8/20/2021							
2/9/2022							
2/10/2022		250		230		1400	
2/11/2022	200		440		310		440
2/14/2022							
8/17/2022							
8/18/2022	240						
8/19/2022					320		
8/22/2022		3400		220			450
8/23/2022						1300	
11/16/2022			430				
2/21/2023							
2/22/2023			470			1200	440
2/23/2023	230	260		210	300		
8/1/2023							
8/2/2023	220						
8/7/2023		300	470		360	1200	420
8/8/2023				210			
2/20/2024							420
2/21/2024		1000		230			
2/23/2024	220						
2/26/2024			490		320		
2/27/2024						1200	
7/31/2024							
8/1/2024	240				320		410
8/2/2024		220		190			
8/5/2024			520			1200	
2/19/2025	280		520				
2/20/2025		210			320		
2/21/2025				190		1100	420

FIGURE F.

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:59 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	SGWC-10	0.02525	199	105	Yes	24	8.333	n/a	0.01	NP
Boron (mg/L)	SGWC-11	0.05585	245	105	Yes	24	0	n/a	0.01	NP
Boron (mg/L)	SGWC-16	0.02666	161	105	Yes	24	0	n/a	0.01	NP
Boron (mg/L)	SGWC-18	0.408	196	111	Yes	25	0	n/a	0.01	NP
Boron (mg/L)	SGWC-20	-0.04741	-112	-105	Yes	24	0	n/a	0.01	NP
Boron (mg/L)	SGWC-22	0.01961	145	105	Yes	24	0	n/a	0.01	NP
Boron (mg/L)	SGWC-23	-0.02692	-146	-105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWA-2 (bg)	0.2691	165	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWA-3 (bg)	0.1577	118	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWA-4 (bg)	0.6836	188	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWA-5 (bg)	0.05152	128	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWA-24 (bg)	0.6716	205	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWC-9	-2.195	-143	-105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWC-13	1.059	216	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWC-17	3.768	238	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWC-19	1.055	144	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWC-21	1.553	167	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWC-22	0.8824	159	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWA-3 (bg)	-0.102	-115	-105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWA-24 (bg)	0.1828	146	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-7	-0.3605	-177	-105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-9	1.22	191	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-11	0.3582	141	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-12	0.175	171	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-13	1.183	228	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-14	0.4032	123	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-15	0.2885	159	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-16	0.314	184	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-18	1.326	148	111	Yes	25	4	n/a	0.01	NP
Chloride (mg/L)	SGWC-23	0.2906	115	105	Yes	24	0	n/a	0.01	NP
pH, Field (SU)	SGWA-3 (bg)	0.01976	148	139	Yes	29	0	n/a	0.01	NP
pH, Field (SU)	SGWA-4 (bg)	-0.01901	-171	-139	Yes	29	0	n/a	0.01	NP
pH, Field (SU)	SGWC-18	0.02047	160	139	Yes	29	0	n/a	0.01	NP
Sulfate (mg/L)	SGWA-3 (bg)	-0.128	-144	-105	Yes	24	4.167	n/a	0.01	NP
Sulfate (mg/L)	SGWA-4 (bg)	-0.1188	-146	-105	Yes	24	8.333	n/a	0.01	NP
Sulfate (mg/L)	SGWC-7	-1.767	-187	-105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-9	-16.63	-137	-105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-12	4.6	212	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-13	4.003	171	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-16	6.484	270	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-17	16.04	248	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-19	7.411	129	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-21	6.509	162	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-22	4	152	105	Yes	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-23	-9.483	-227	-105	Yes	24	0	n/a	0.01	NP
TDS (mg/L)	SGWA-4 (bg)	4.811	142	105	Yes	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-9	-20.64	-144	-105	Yes	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-13	10.2	171	105	Yes	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-17	21.73	235	105	Yes	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-19	10.51	117	105	Yes	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-22	8.746	117	105	Yes	24	0	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:59 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	SGWA-1 (bg)	0	-44	-105	No	24	83.33	n/a	0.01	NP
Boron (mg/L)	SGWA-2 (bg)	0	-46	-105	No	24	83.33	n/a	0.01	NP
Boron (mg/L)	SGWA-3 (bg)	0	-12	-105	No	24	83.33	n/a	0.01	NP
Boron (mg/L)	SGWA-4 (bg)	0	-1	-105	No	24	91.67	n/a	0.01	NP
Boron (mg/L)	SGWA-5 (bg)	0	-41	-105	No	24	91.67	n/a	0.01	NP
Boron (mg/L)	SGWA-24 (bg)	0	7	105	No	24	91.67	n/a	0.01	NP
Boron (mg/L)	SGWA-25 (bg)	0	18	105	No	24	87.5	n/a	0.01	NP
Boron (mg/L)	SGWC-9	-0.004047	-49	-105	No	24	0	n/a	0.01	NP
Boron (mg/L)	**SGWC-10**	**0.02525**	**199**	**105**	**Yes**	**24**	**8.333**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**SGWC-11**	**0.05585**	**245**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-13	0.02031	77	105	No	24	0	n/a	0.01	NP
Boron (mg/L)	SGWC-14	0.02217	102	105	No	24	0	n/a	0.01	NP
Boron (mg/L)	SGWC-15	-0.02473	-74	-105	No	24	0	n/a	0.01	NP
Boron (mg/L)	**SGWC-16**	**0.02666**	**161**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-17	0	6	105	No	24	0	n/a	0.01	NP
Boron (mg/L)	**SGWC-18**	**0.408**	**196**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-19	0.01622	62	105	No	24	0	n/a	0.01	NP
Boron (mg/L)	**SGWC-20**	**-0.04741**	**-112**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-21	-0.01642	-85	-105	No	24	0	n/a	0.01	NP
Boron (mg/L)	**SGWC-22**	**0.01961**	**145**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**SGWC-23**	**-0.02692**	**-146**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWA-1 (bg)	-0.03201	-47	-105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**SGWA-2 (bg)**	**0.2691**	**165**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-3 (bg)**	**0.1577**	**118**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-4 (bg)**	**0.6836**	**188**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-5 (bg)**	**0.05152**	**128**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-24 (bg)**	**0.6716**	**205**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWA-25 (bg)	-0.06868	-49	-105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	SGWC-8	-0.3636	-31	-105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**SGWC-9**	**-2.195**	**-143**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWC-12	0.234	80	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**SGWC-13**	**1.059**	**216**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWC-14	0.169	42	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**SGWC-17**	**3.768**	**238**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWC-18	-1.435	-55	-111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	**SGWC-19**	**1.055**	**144**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWC-21**	**1.553**	**167**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWC-22**	**0.8824**	**159**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWA-1 (bg)	0	22	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWA-2 (bg)	0	11	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**SGWA-3 (bg)**	**-0.102**	**-115**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWA-4 (bg)	0	-1	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWA-5 (bg)	0.02482	65	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**SGWA-24 (bg)**	**0.1828**	**146**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWA-25 (bg)	0	-10	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**SGWC-7**	**-0.3605**	**-177**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWC-8	0.4393	79	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**SGWC-9**	**1.22**	**191**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWC-10	0.05862	59	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**SGWC-11**	**0.3582**	**141**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-12**	**0.175**	**171**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-13**	**1.183**	**228**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-14**	**0.4032**	**123**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-15**	**0.2885**	**159**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-16**	**0.314**	**184**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWC-17	0	-13	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**SGWC-18**	**1.326**	**148**	**111**	**Yes**	**25**	**4**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWC-19	0.2838	85	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-20	-0.1353	-87	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-21	0.2523	68	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	SGWC-22	0.08106	104	105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**SGWC-23**	**0.2906**	**115**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

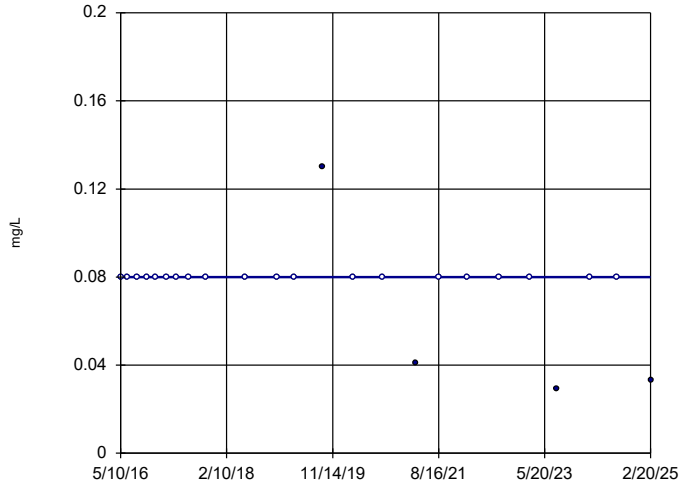
Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 11:59 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Fluoride (mg/L)	SGWA-1 (bg)	0	-64	-131	No	28	85.71	n/a	0.01	NP
Fluoride (mg/L)	SGWA-2 (bg)	0	-51	-131	No	28	42.86	n/a	0.01	NP
Fluoride (mg/L)	SGWA-3 (bg)	0	8	131	No	28	67.86	n/a	0.01	NP
Fluoride (mg/L)	SGWA-4 (bg)	-0.003296	-80	-124	No	27	40.74	n/a	0.01	NP
Fluoride (mg/L)	SGWA-5 (bg)	0	-37	-131	No	28	78.57	n/a	0.01	NP
Fluoride (mg/L)	SGWA-24 (bg)	-0.0003025	-69	-131	No	28	42.86	n/a	0.01	NP
Fluoride (mg/L)	SGWA-25 (bg)	0	-21	-131	No	28	46.43	n/a	0.01	NP
Fluoride (mg/L)	SGWC-7	-0.005789	-76	-131	No	28	3.571	n/a	0.01	NP
pH, Field (SU)	SGWA-1 (bg)	-0.01736	-88	-139	No	29	0	n/a	0.01	NP
pH, Field (SU)	SGWA-2 (bg)	0.0054	61	139	No	29	0	n/a	0.01	NP
pH, Field (SU)	**SGWA-3 (bg)**	**0.01976**	**148**	**139**	**Yes**	**29**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**SGWA-4 (bg)**	**-0.01901**	**-171**	**-139**	**Yes**	**29**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	SGWA-5 (bg)	-0.008975	-73	-146	No	30	0	n/a	0.01	NP
pH, Field (SU)	SGWA-24 (bg)	0.002555	32	139	No	29	0	n/a	0.01	NP
pH, Field (SU)	SGWA-25 (bg)	-0.01139	-86	-146	No	30	0	n/a	0.01	NP
pH, Field (SU)	SGWC-15	-0.01023	-106	-139	No	29	0	n/a	0.01	NP
pH, Field (SU)	**SGWC-18**	**0.02047**	**160**	**139**	**Yes**	**29**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	SGWC-20	-0.004976	-57	-139	No	29	0	n/a	0.01	NP
Sulfate (mg/L)	SGWA-1 (bg)	-0.02284	-52	-105	No	24	20.83	n/a	0.01	NP
Sulfate (mg/L)	SGWA-2 (bg)	0	6	105	No	24	54.17	n/a	0.01	NP
Sulfate (mg/L)	**SGWA-3 (bg)**	**-0.128**	**-144**	**-105**	**Yes**	**24**	**4.167**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWA-4 (bg)**	**-0.1188**	**-146**	**-105**	**Yes**	**24**	**8.333**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWA-5 (bg)	0	54	105	No	24	83.33	n/a	0.01	NP
Sulfate (mg/L)	SGWA-24 (bg)	0	32	105	No	24	83.33	n/a	0.01	NP
Sulfate (mg/L)	SGWA-25 (bg)	0	30	105	No	24	79.17	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-7**	**-1.767**	**-187**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-8	0	-7	-105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-9**	**-16.63**	**-137**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-10	0.822	55	105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-11	-0.09154	-33	-105	No	24	12.5	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-12**	**4.6**	**212**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-13**	**4.003**	**171**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-14	2.541	89	105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	SGWC-15	0	51	105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-16**	**6.484**	**270**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-17**	**16.04**	**248**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-18	45.63	62	111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-19**	**7.411**	**129**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-20	0	6	105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-21**	**6.509**	**162**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-22**	**4**	**152**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-23**	**-9.483**	**-227**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWA-1 (bg)	1.413	39	105	No	24	4.167	n/a	0.01	NP
TDS (mg/L)	SGWA-2 (bg)	0.2276	50	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	SGWA-3 (bg)	1.563	48	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	**SGWA-4 (bg)**	**4.811**	**142**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWA-5 (bg)	1.28	48	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	SGWA-24 (bg)	2.602	95	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	SGWA-25 (bg)	-0.7464	-36	-105	No	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-8	-5.894	-95	-105	No	24	0	n/a	0.01	NP
TDS (mg/L)	**SGWC-9**	**-20.64**	**-144**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-12	2.575	85	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	**SGWC-13**	**10.2**	**171**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-14	4.547	103	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-15	1.456	49	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	**SGWC-17**	**21.73**	**235**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-18	66.6	68	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	**SGWC-19**	**10.51**	**117**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-20	1.306	35	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	SGWC-21	9.566	103	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	**SGWC-22**	**8.746**	**117**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-1 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -44
critical = -105

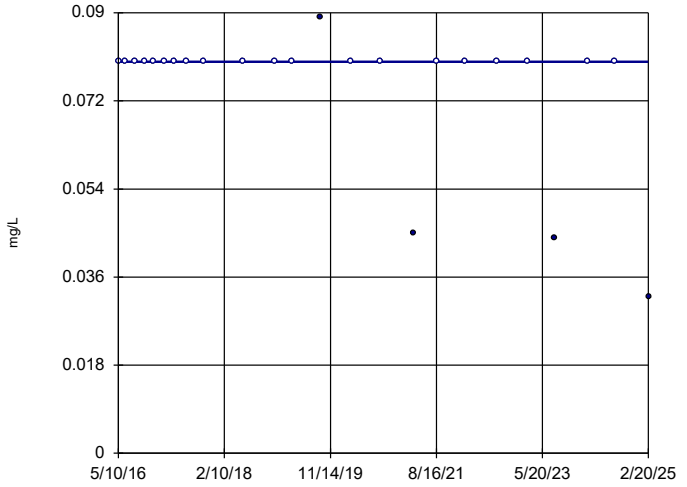
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-2 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -46
critical = -105

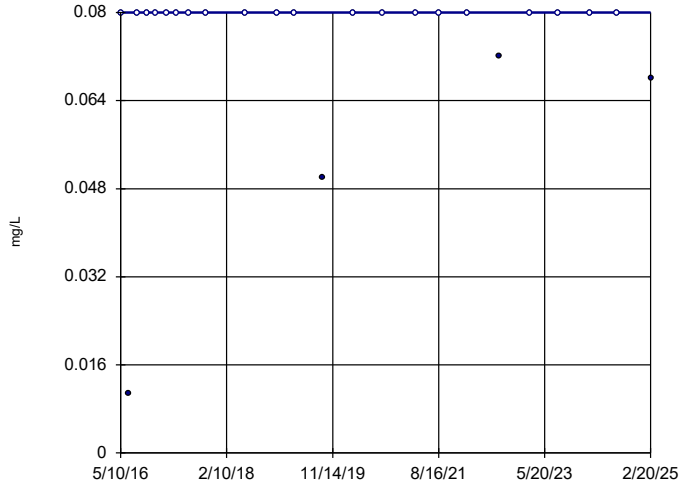
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-3 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -12
critical = -105

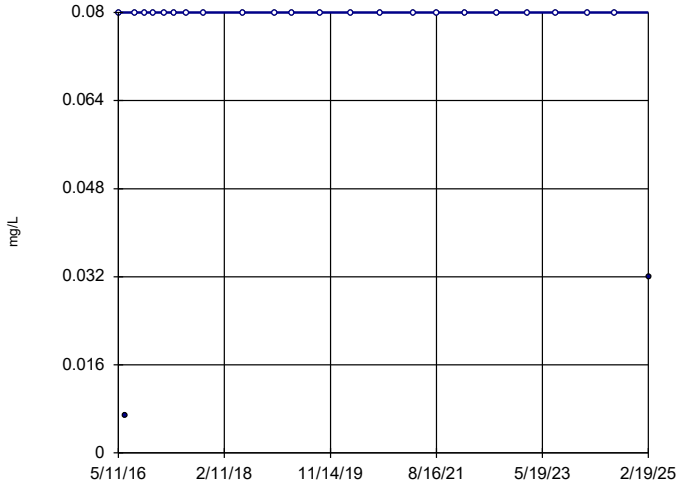
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-4 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -1
critical = -105

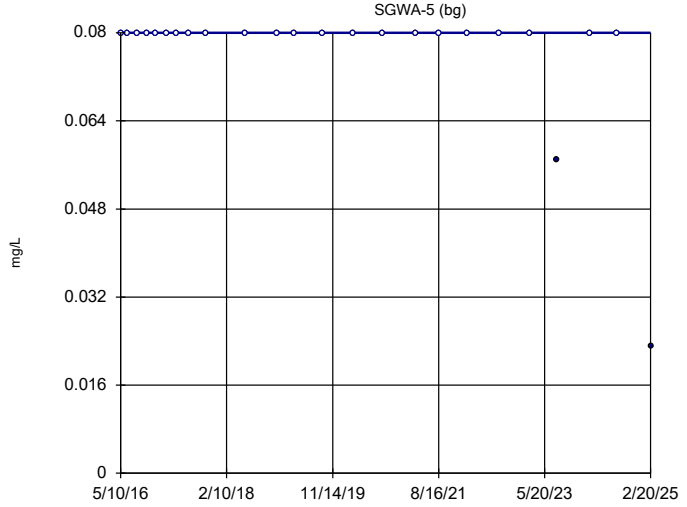
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-5 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -41
critical = -105

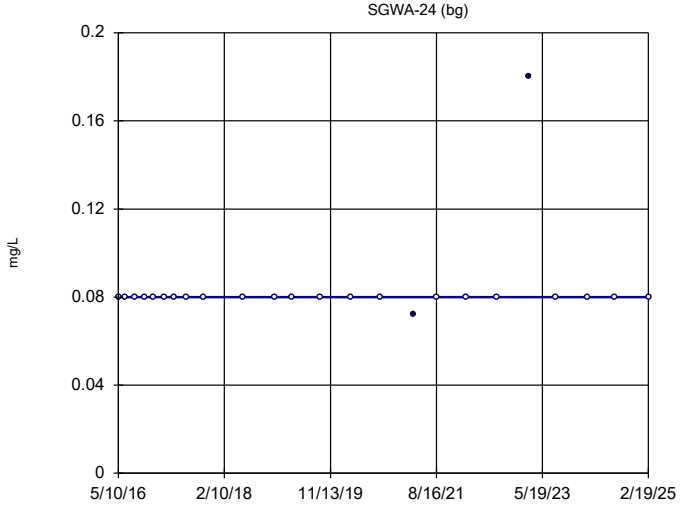
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-24 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 7
critical = 105

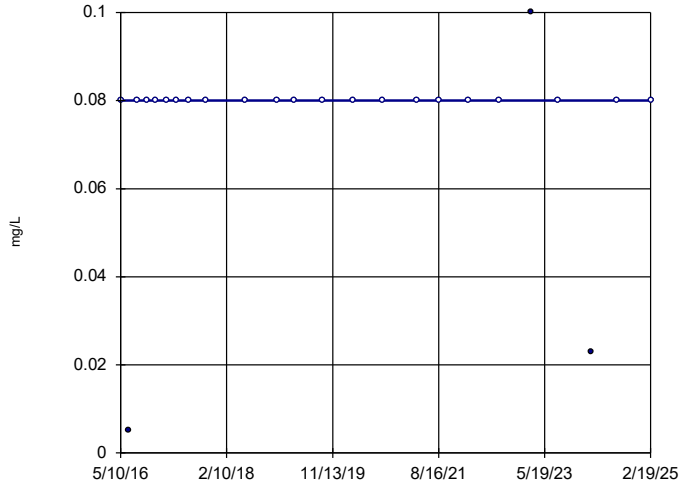
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-25 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 18
critical = 105

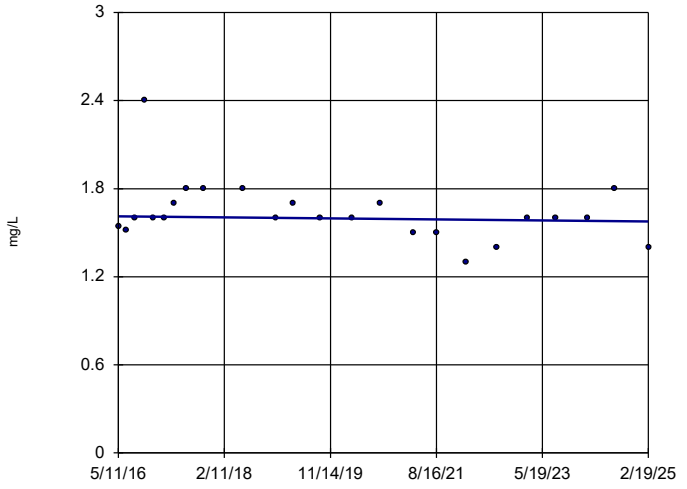
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-9



n = 24

Slope = -0.004047 units per year.

Mann-Kendall statistic = -49
critical = -105

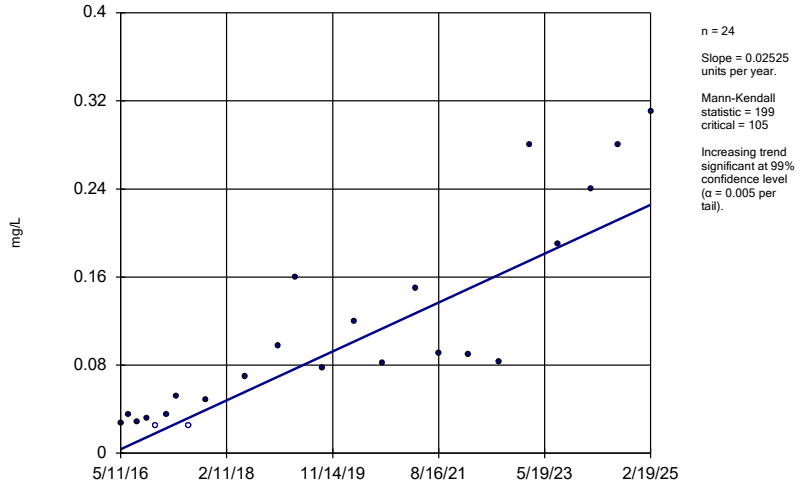
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWC-10



n = 24

Slope = 0.02525 units per year.

Mann-Kendall statistic = 199 critical = 105

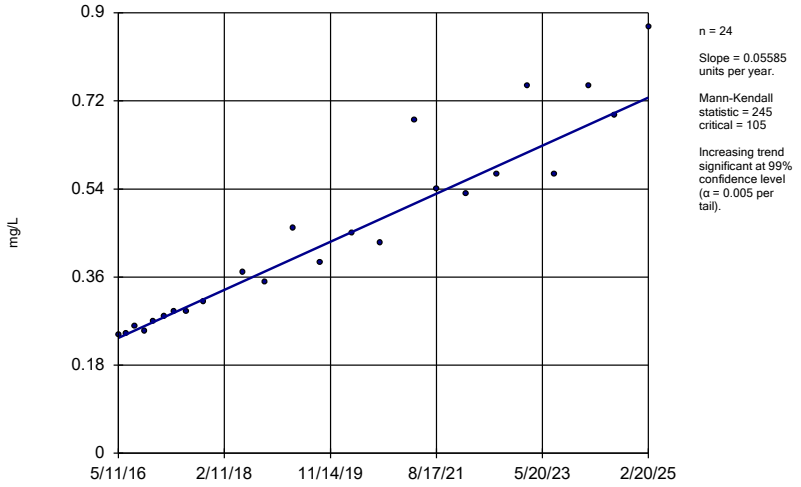
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-11



n = 24

Slope = 0.05585 units per year.

Mann-Kendall statistic = 245 critical = 105

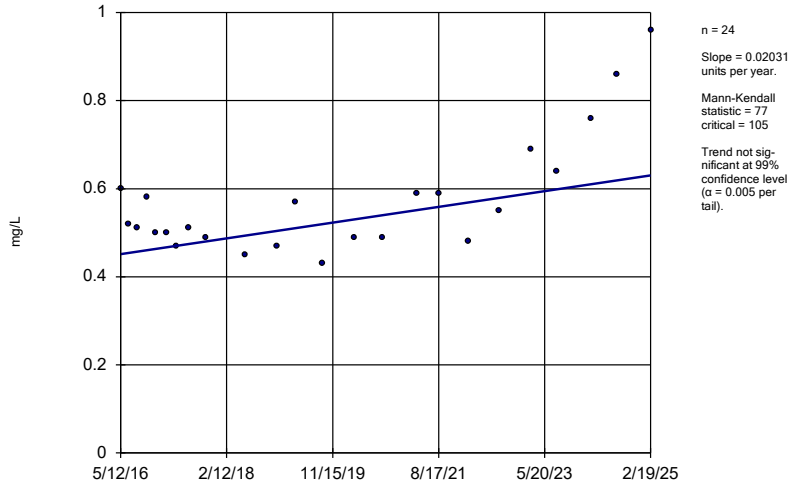
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-13



n = 24

Slope = 0.02031 units per year.

Mann-Kendall statistic = 77 critical = 105

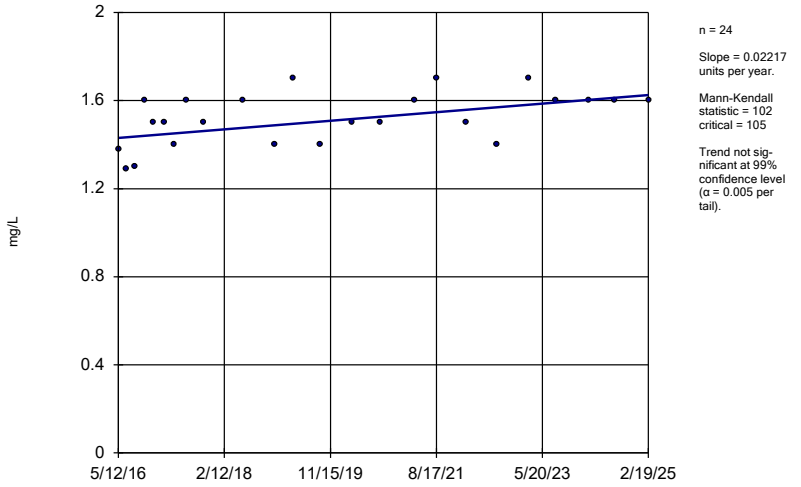
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-14



n = 24

Slope = 0.02217 units per year.

Mann-Kendall statistic = 102 critical = 105

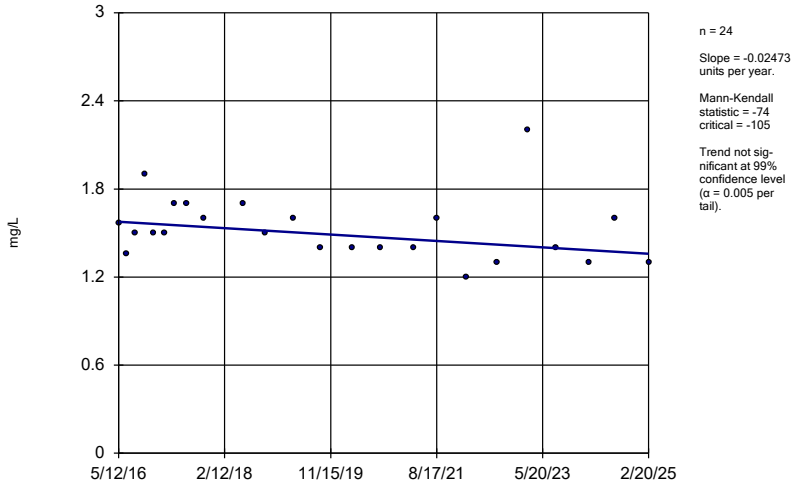
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-15



n = 24

Slope = -0.02473 units per year.

Mann-Kendall statistic = -74 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

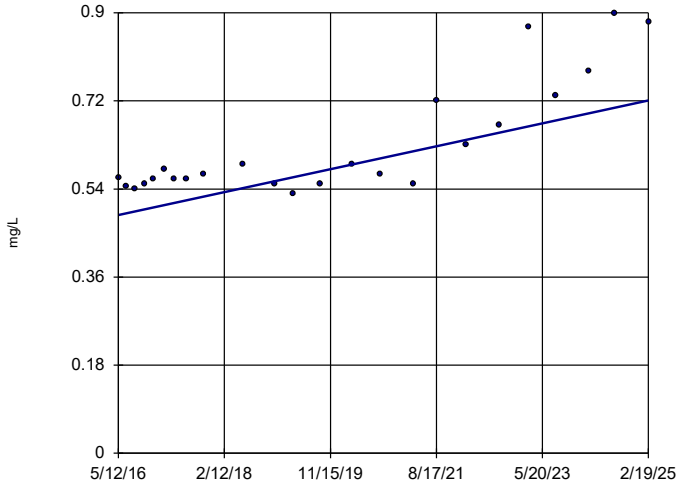
Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-16



n = 24

Slope = 0.02666 units per year.

Mann-Kendall statistic = 161 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

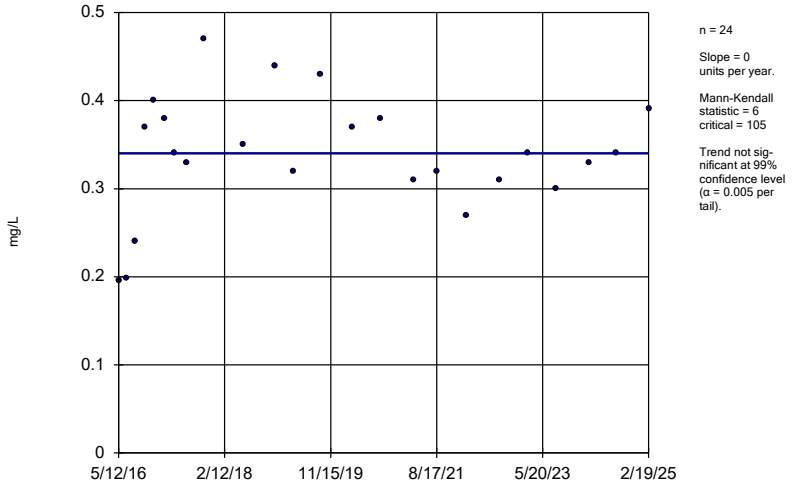
Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-17



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 6 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

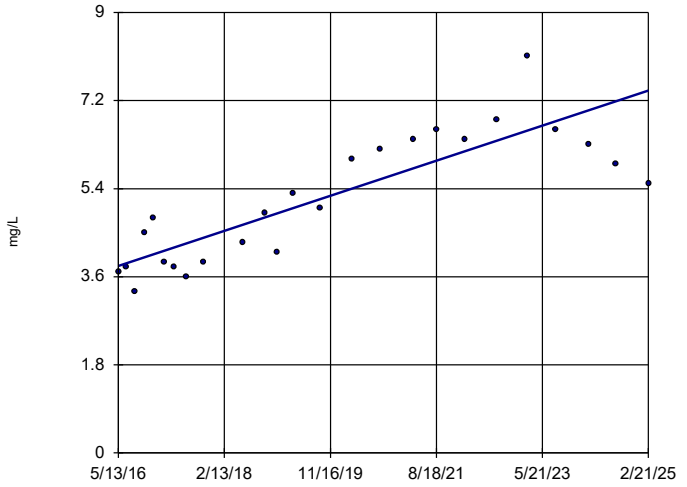
Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-18



n = 25

Slope = 0.408 units per year.

Mann-Kendall statistic = 196 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

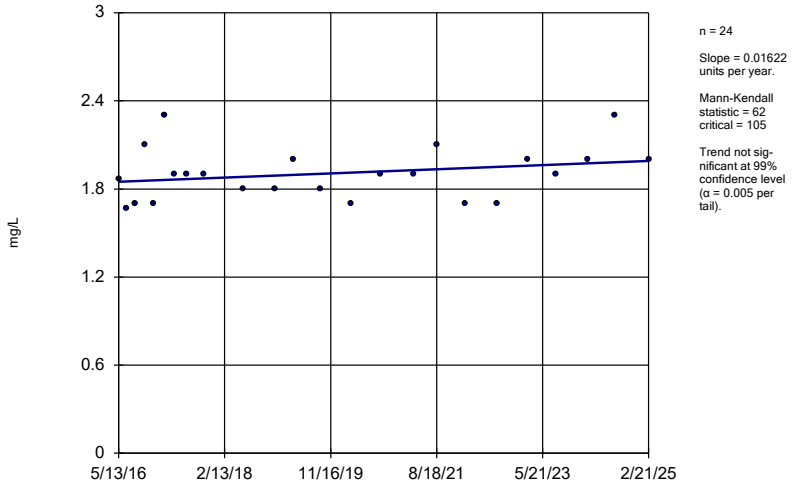
Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-19



n = 24

Slope = 0.01622 units per year.

Mann-Kendall statistic = 62
critical = 105

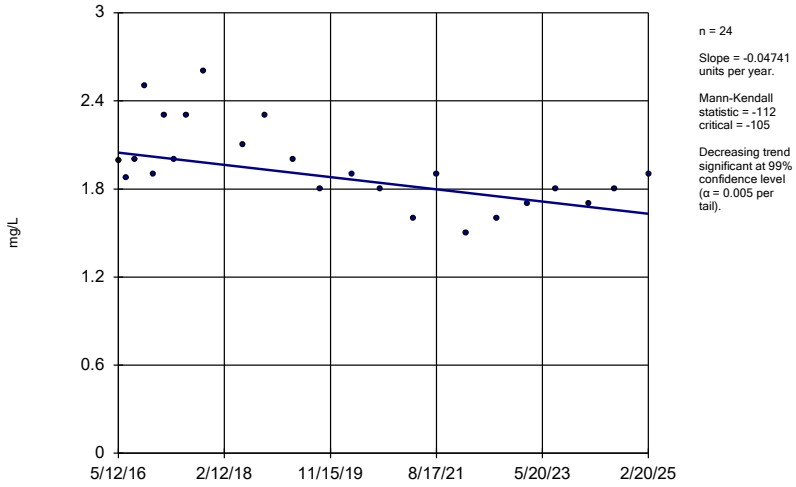
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-20



n = 24

Slope = -0.04741 units per year.

Mann-Kendall statistic = -112
critical = -105

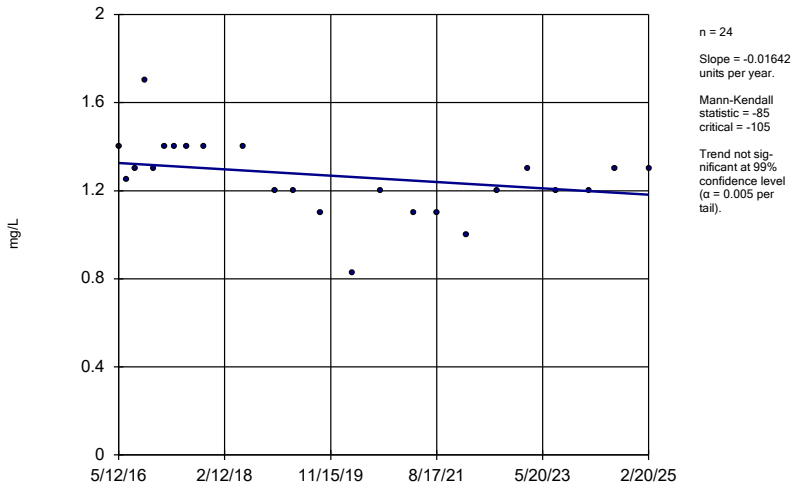
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-21



n = 24

Slope = -0.01642 units per year.

Mann-Kendall statistic = -85
critical = -105

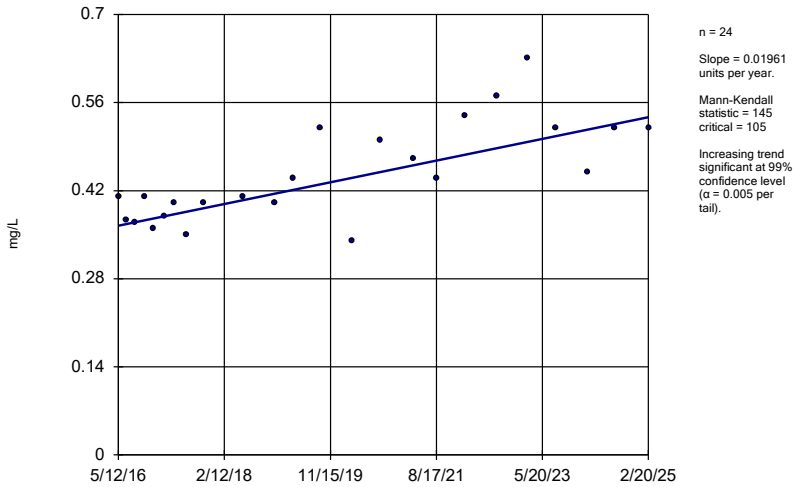
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-22



n = 24

Slope = 0.01961 units per year.

Mann-Kendall statistic = 145
critical = 105

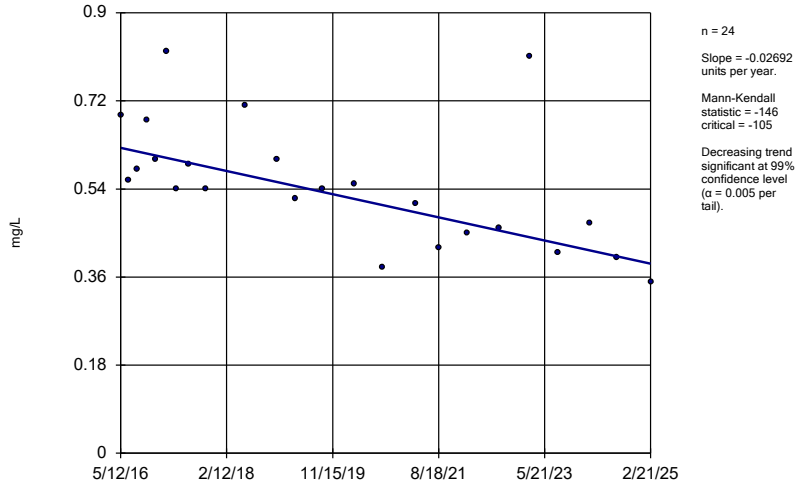
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-23



n = 24

Slope = -0.02692 units per year.

Mann-Kendall statistic = -146 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

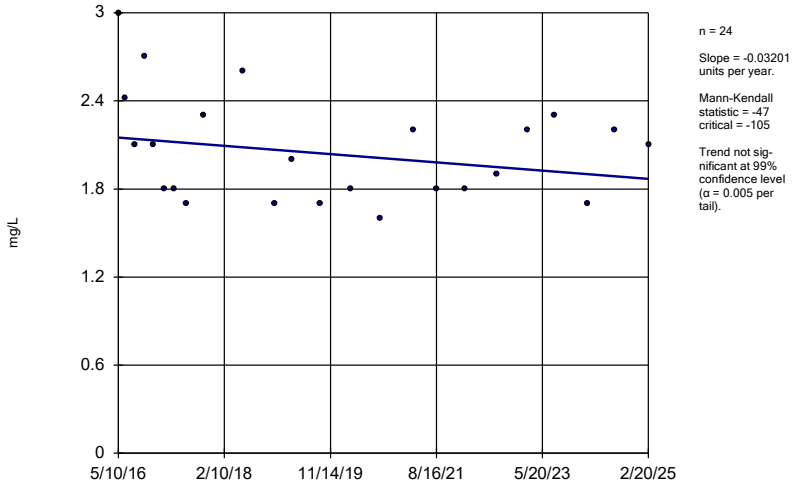
Constituent: Boron Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-1 (bg)



n = 24

Slope = -0.03201 units per year.

Mann-Kendall statistic = -47 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

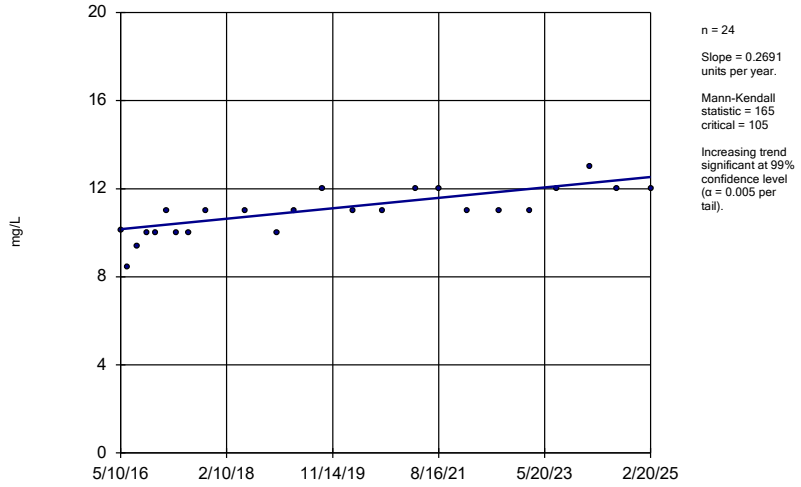
Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-2 (bg)



n = 24

Slope = 0.2691 units per year.

Mann-Kendall statistic = 165 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

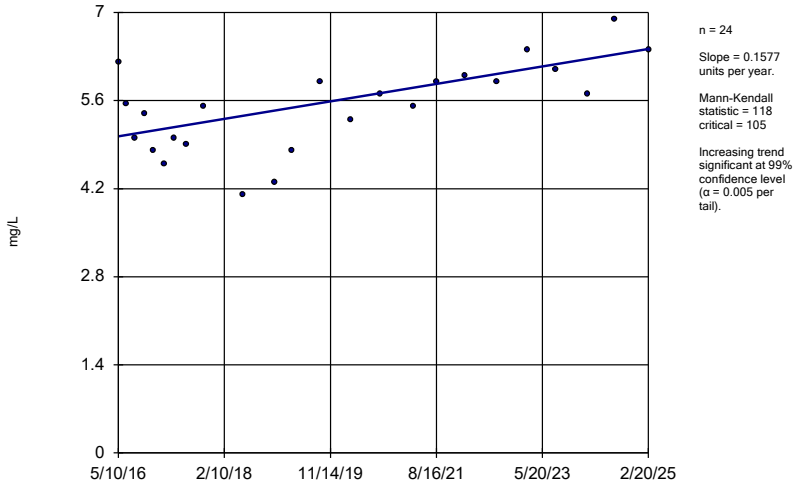
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-3 (bg)



n = 24

Slope = 0.1577 units per year.

Mann-Kendall statistic = 118 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

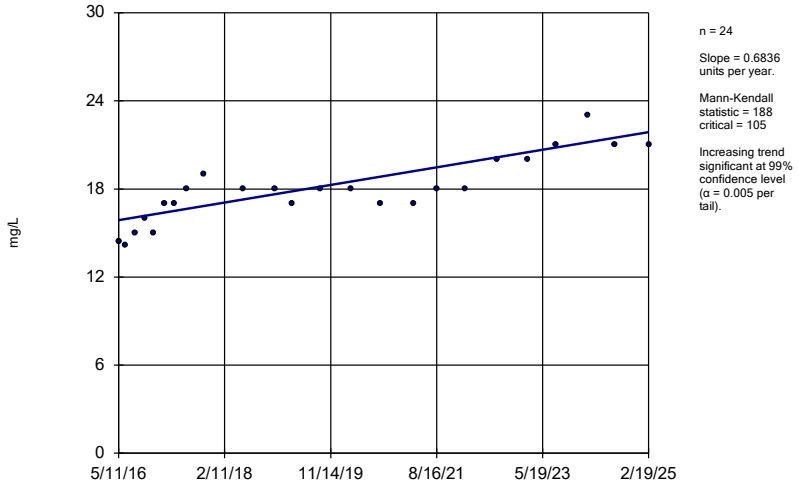
Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-4 (bg)



n = 24

Slope = 0.6836 units per year.

Mann-Kendall statistic = 188 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

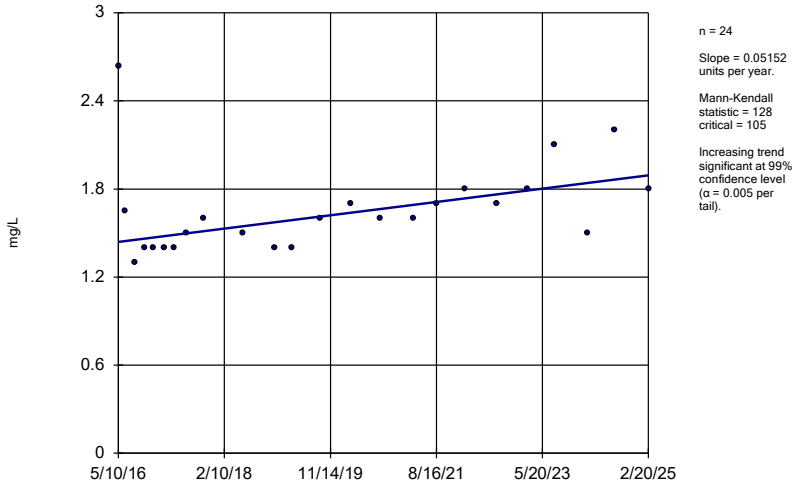
Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-5 (bg)



n = 24

Slope = 0.05152 units per year.

Mann-Kendall statistic = 128 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

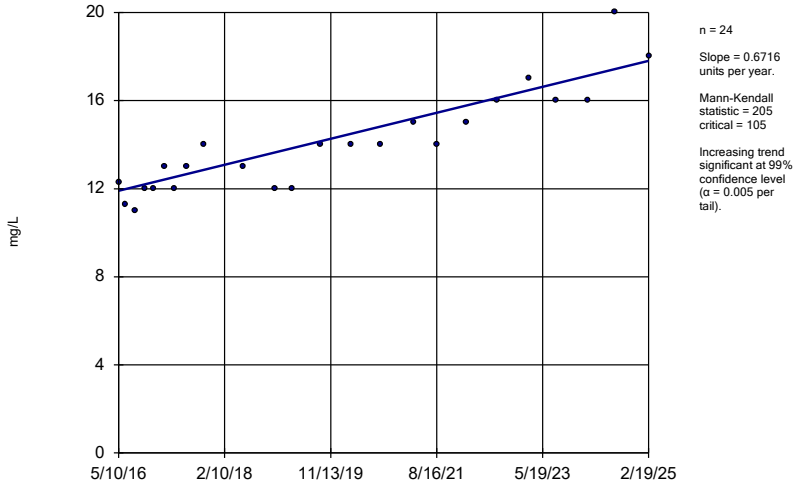
Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-24 (bg)



n = 24

Slope = 0.6716 units per year.

Mann-Kendall statistic = 205 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

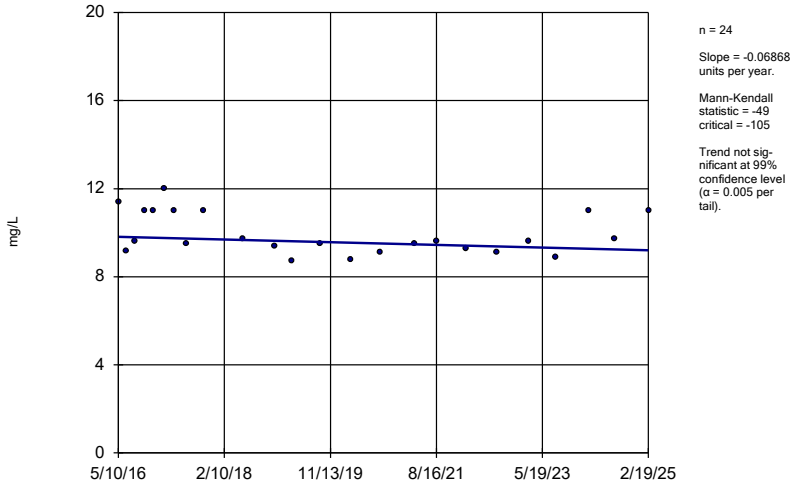
Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

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Sen's Slope Estimator

SGWA-25 (bg)



n = 24

Slope = -0.06868 units per year.

Mann-Kendall statistic = -49 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

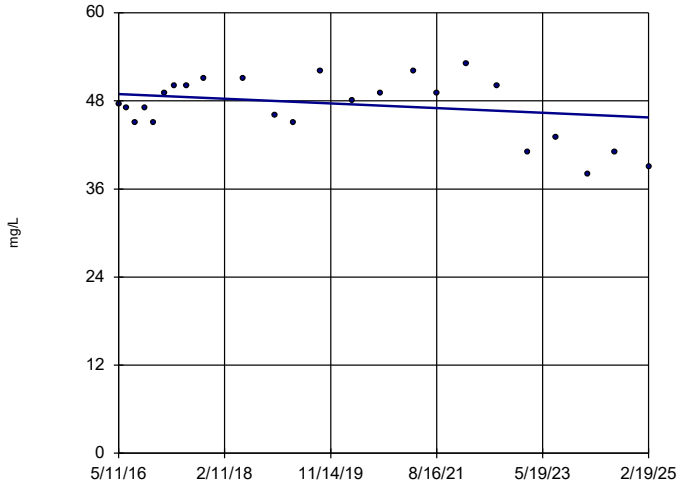
Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-8



n = 24

Slope = -0.3636 units per year.

Mann-Kendall statistic = -31
critical = -105

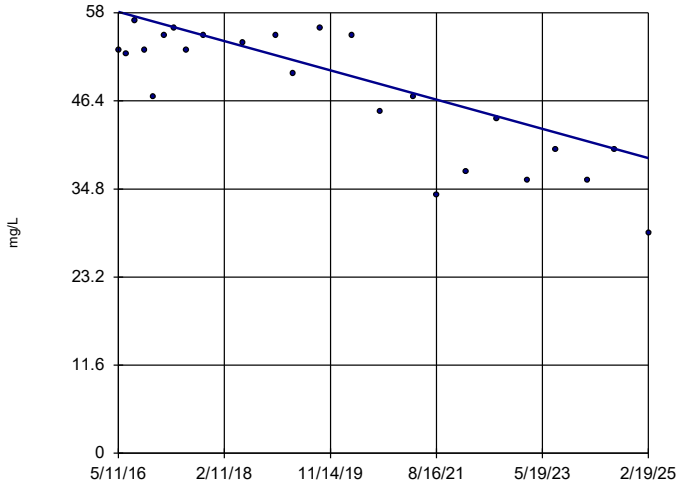
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-9



n = 24

Slope = -2.195 units per year.

Mann-Kendall statistic = -143
critical = -105

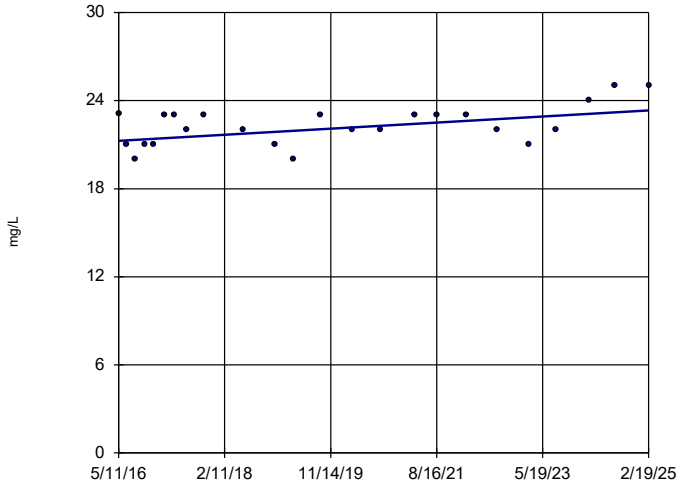
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-12



n = 24

Slope = 0.234 units per year.

Mann-Kendall statistic = 80
critical = 105

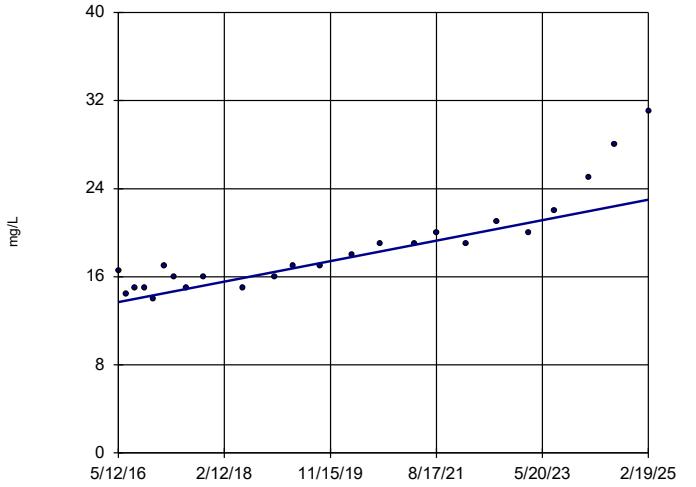
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-13



n = 24

Slope = 1.059 units per year.

Mann-Kendall statistic = 216
critical = 105

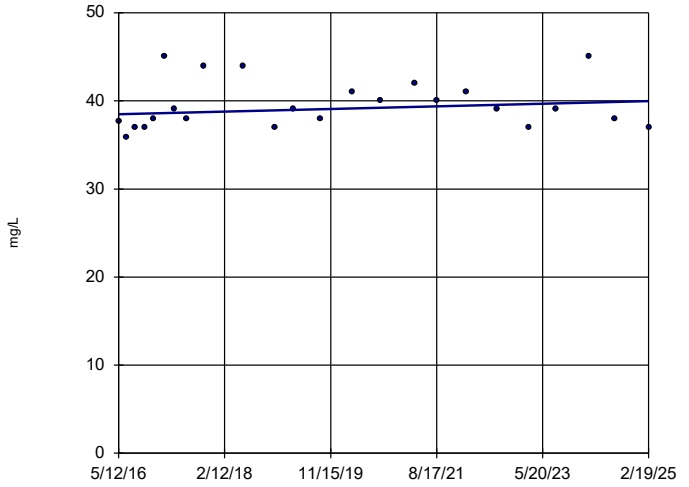
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-14



n = 24

Slope = 0.169 units per year.

Mann-Kendall statistic = 42 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

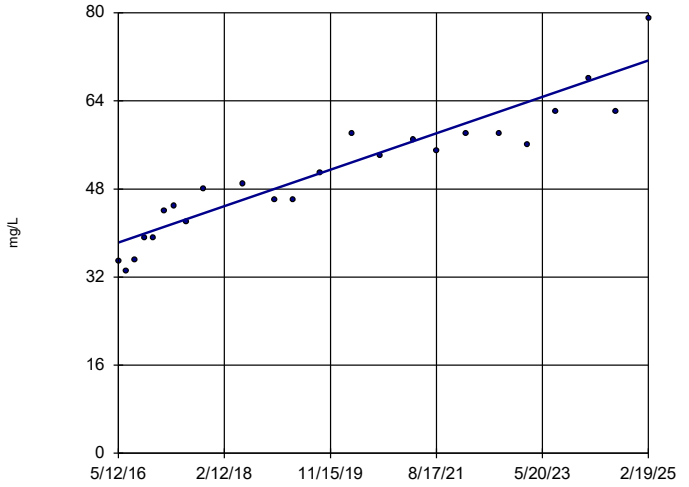
Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-17



n = 24

Slope = 3.768 units per year.

Mann-Kendall statistic = 238 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

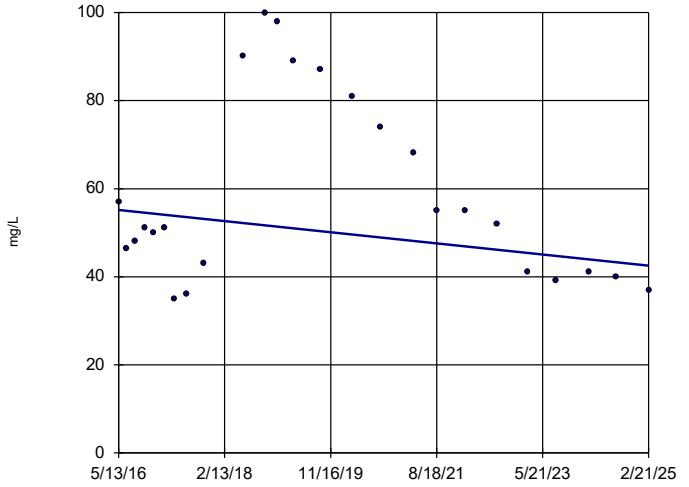
Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-18



n = 25

Slope = -1.435 units per year.

Mann-Kendall statistic = -55 critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

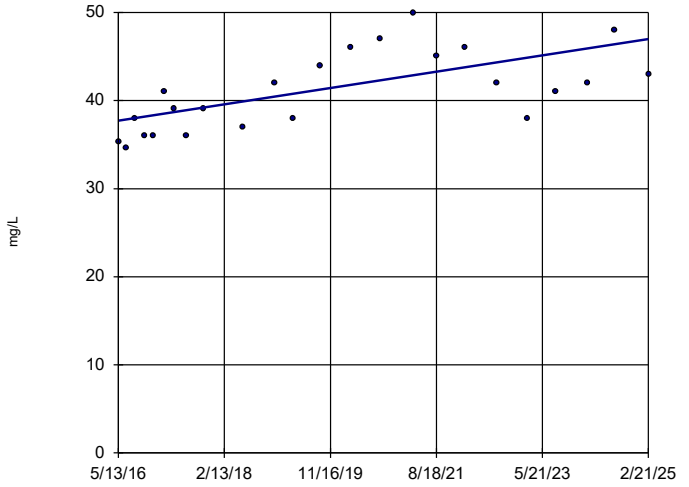
Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-19



n = 24

Slope = 1.055 units per year.

Mann-Kendall statistic = 144 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

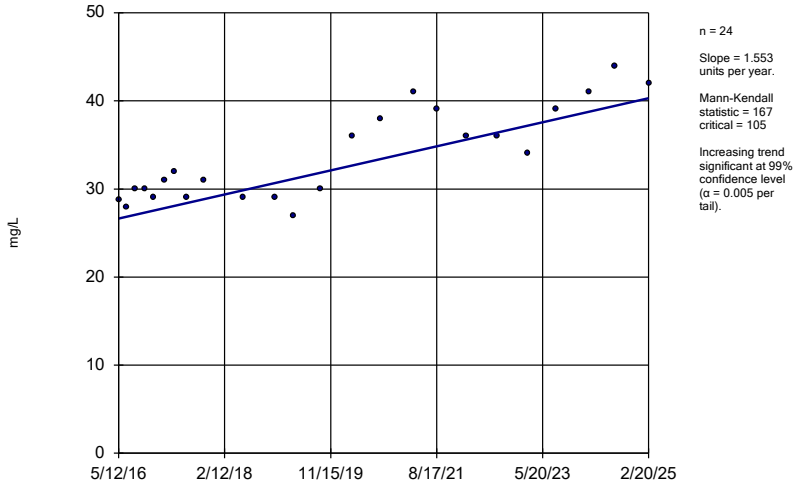
Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-21



n = 24

Slope = 1.553 units per year.

Mann-Kendall statistic = 167 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

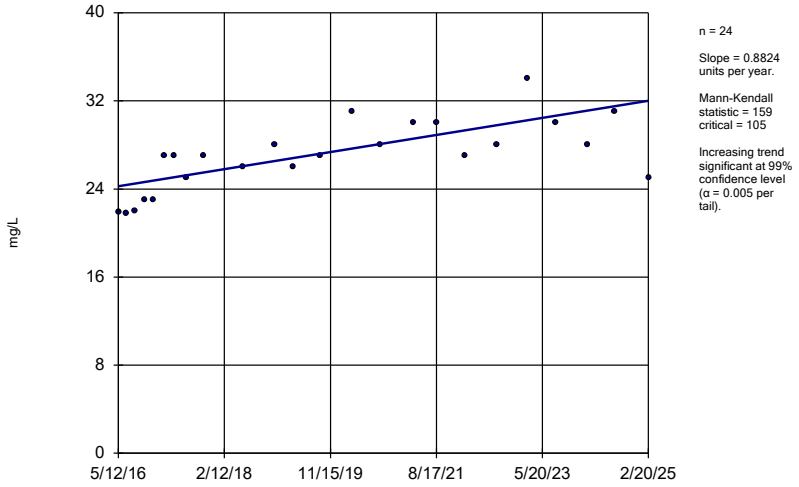
Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-22



n = 24

Slope = 0.8824 units per year.

Mann-Kendall statistic = 159 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

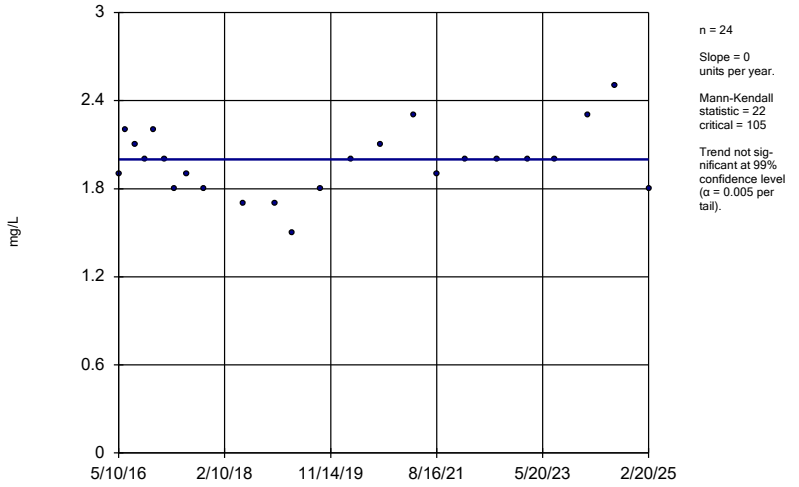
Constituent: Calcium Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-1 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 22 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

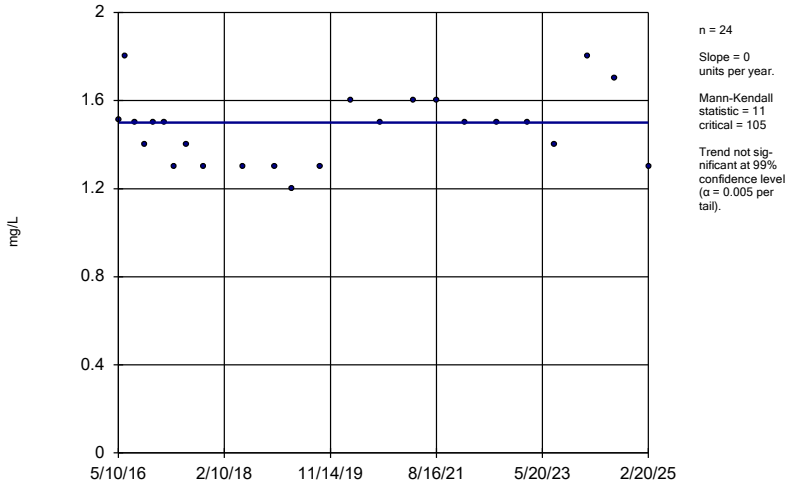
Constituent: Chloride Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-2 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 11 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

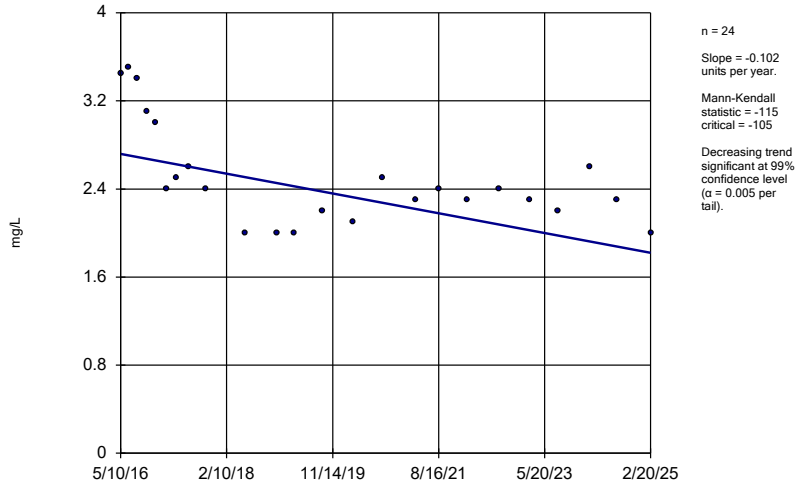
Constituent: Chloride Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-3 (bg)



n = 24

Slope = -0.102 units per year.

Mann-Kendall statistic = -115
critical = -105

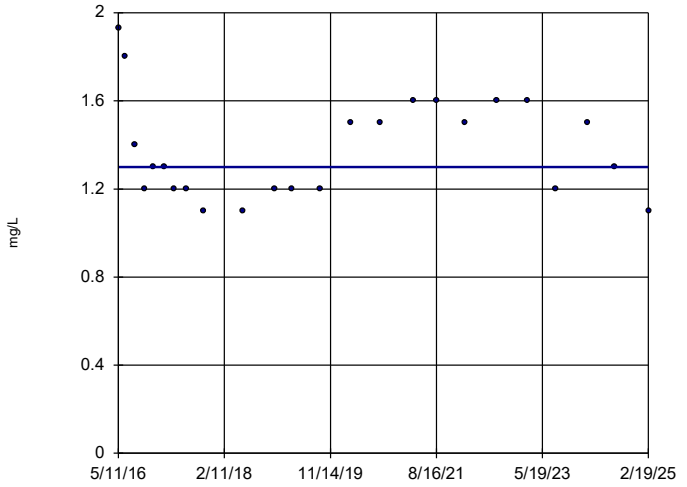
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-4 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -1
critical = -105

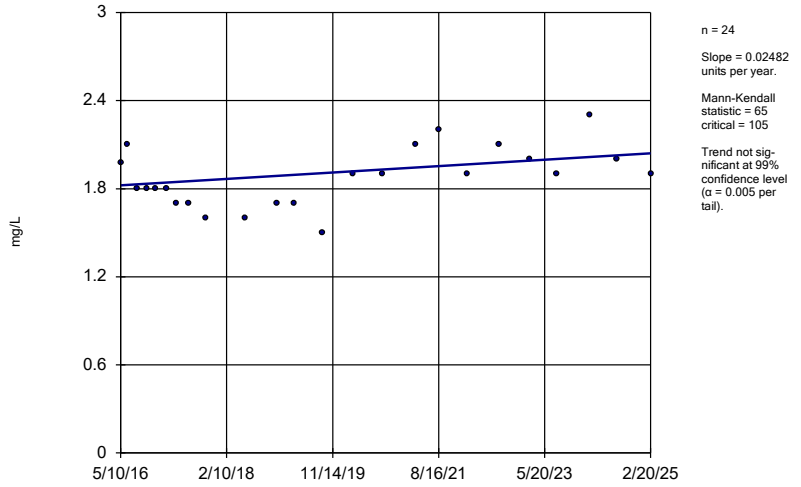
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-5 (bg)



n = 24

Slope = 0.02482 units per year.

Mann-Kendall statistic = 65
critical = 105

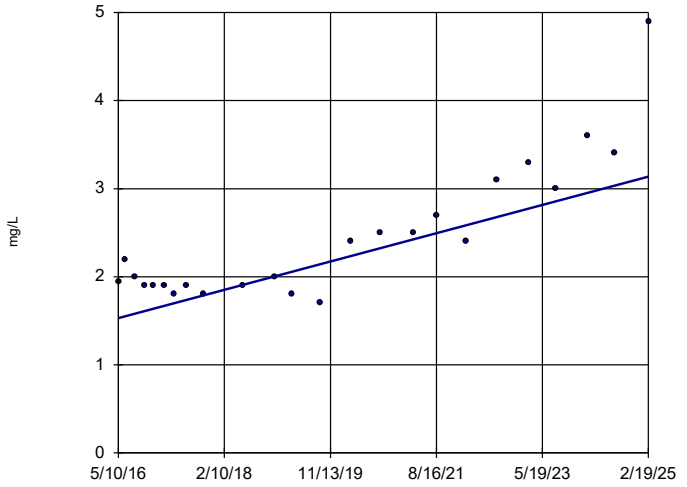
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-24 (bg)



n = 24

Slope = 0.1828 units per year.

Mann-Kendall statistic = 146
critical = 105

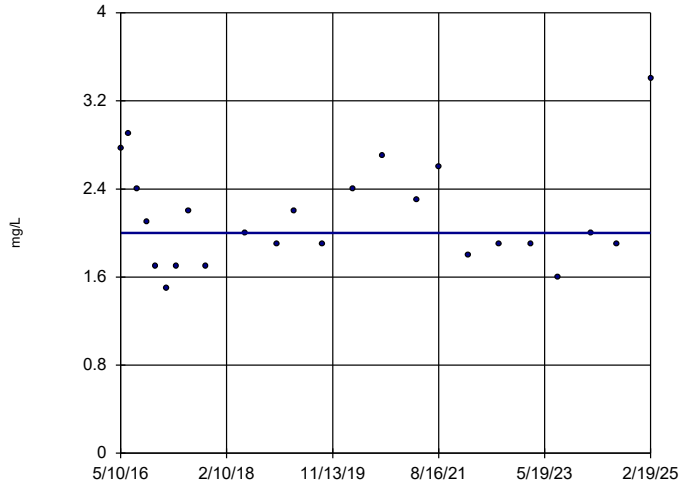
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-25 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -10 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

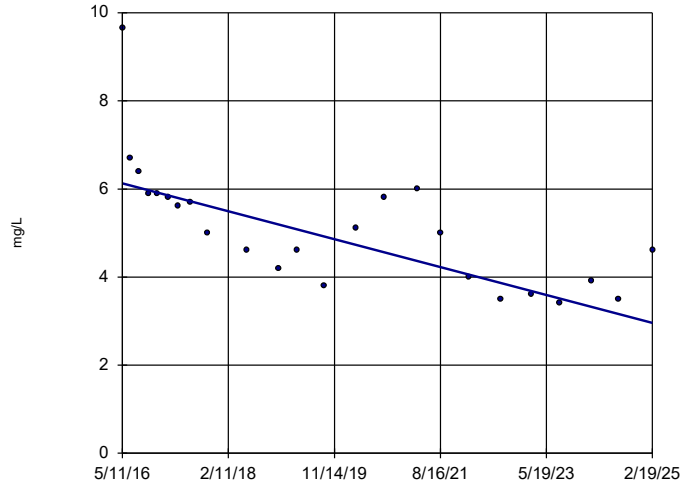
Constituent: Chloride Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-7



n = 24

Slope = -0.3605 units per year.

Mann-Kendall statistic = -177 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

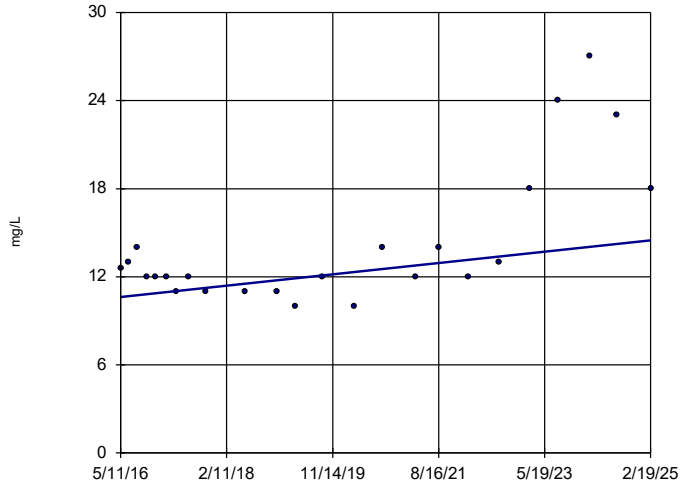
Constituent: Chloride Analysis Run 4/17/2025 11:56 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-8



n = 24

Slope = 0.4393 units per year.

Mann-Kendall statistic = 79 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

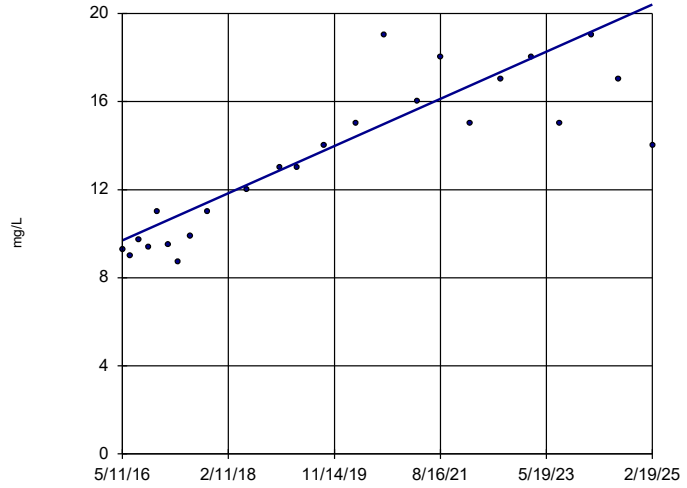
Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-9



n = 24

Slope = 1.22 units per year.

Mann-Kendall statistic = 191 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

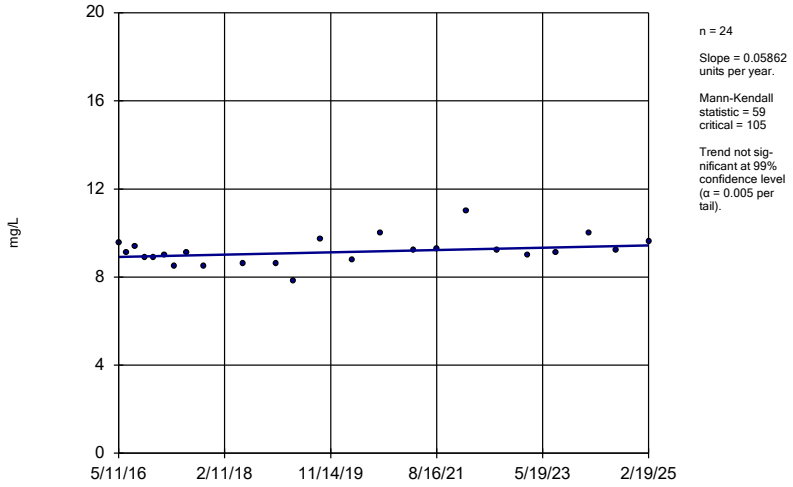
Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-10



n = 24

Slope = 0.05862 units per year.

Mann-Kendall statistic = 59 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

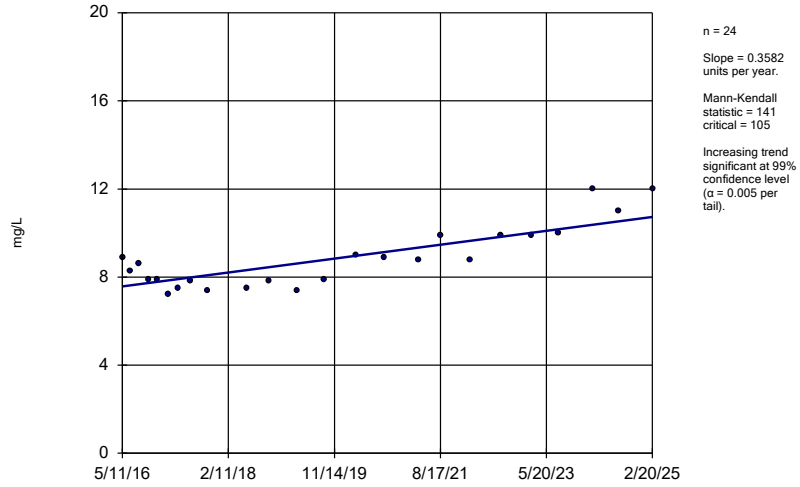
Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-11



n = 24

Slope = 0.3582 units per year.

Mann-Kendall statistic = 141 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

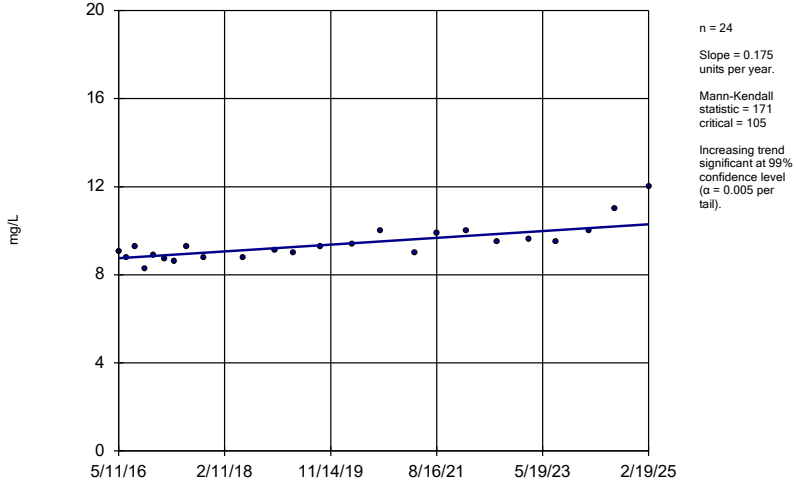
Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-12



n = 24

Slope = 0.175 units per year.

Mann-Kendall statistic = 171 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

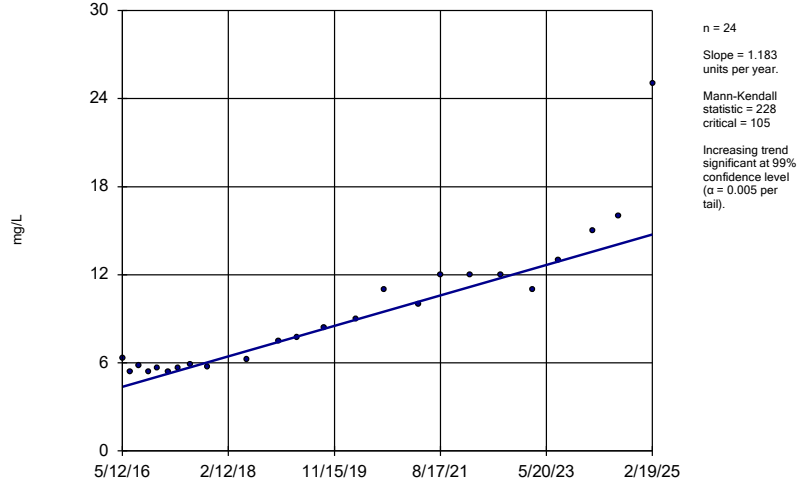
Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-13



n = 24

Slope = 1.183 units per year.

Mann-Kendall statistic = 228 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

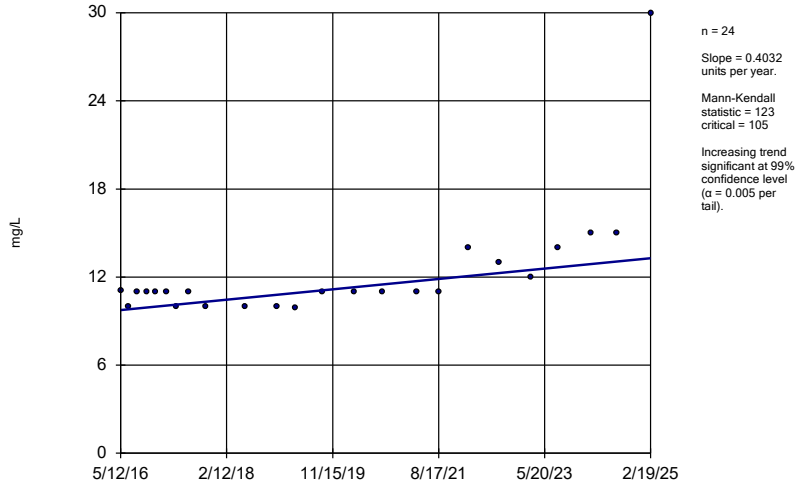
Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-14



n = 24

Slope = 0.4032 units per year.

Mann-Kendall statistic = 123 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

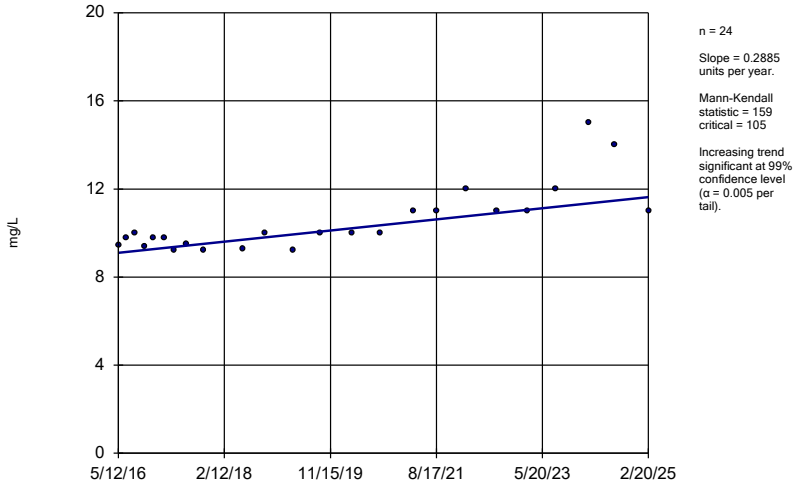
Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-15



n = 24

Slope = 0.2885 units per year.

Mann-Kendall statistic = 159 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

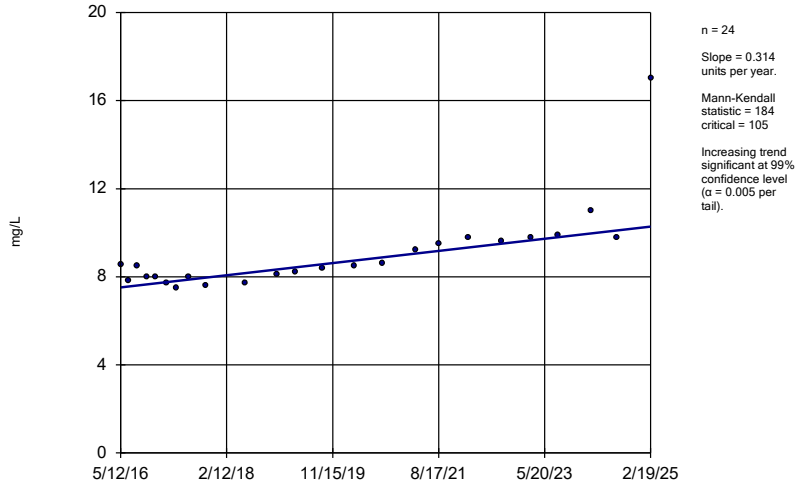
Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-16



n = 24

Slope = 0.314 units per year.

Mann-Kendall statistic = 184 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

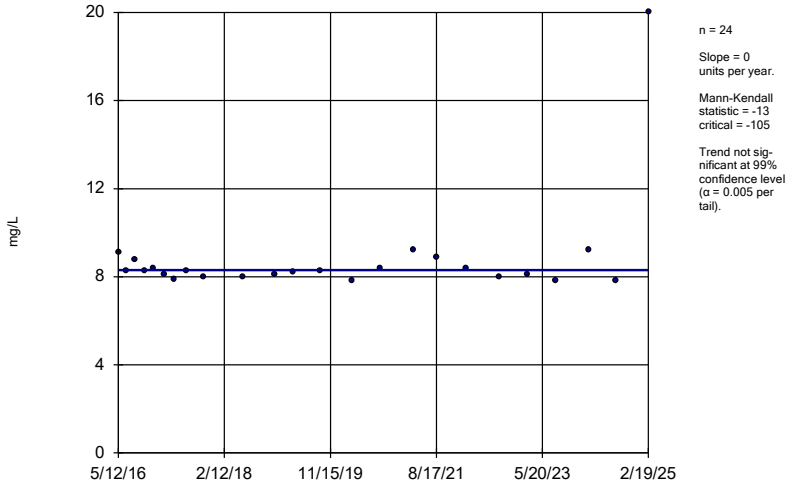
Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

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Sen's Slope Estimator

SGWC-17



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -13 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

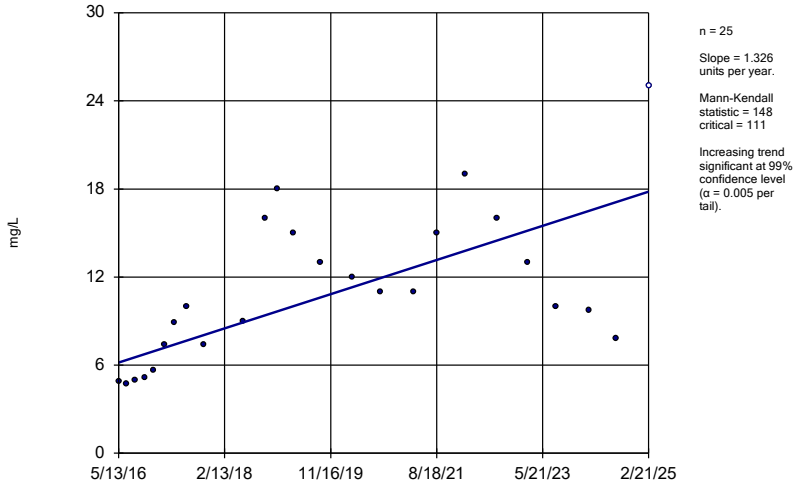
Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWC-18



n = 25

Slope = 1.326 units per year.

Mann-Kendall statistic = 148
critical = 111

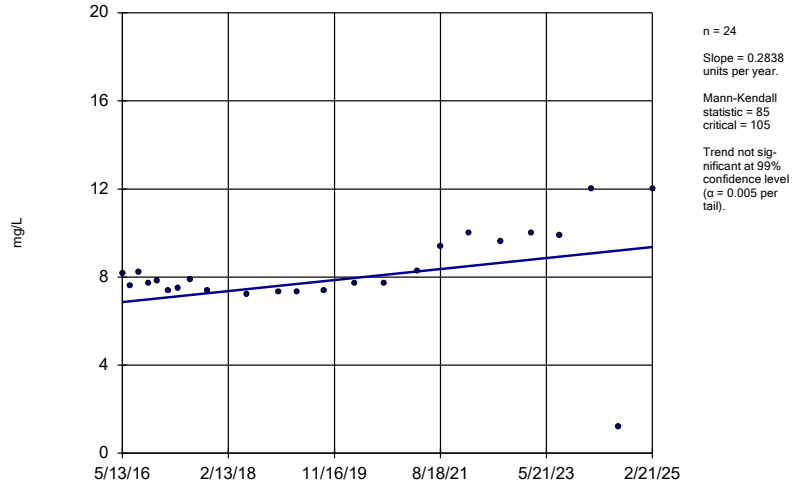
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-19



n = 24

Slope = 0.2838 units per year.

Mann-Kendall statistic = 85
critical = 105

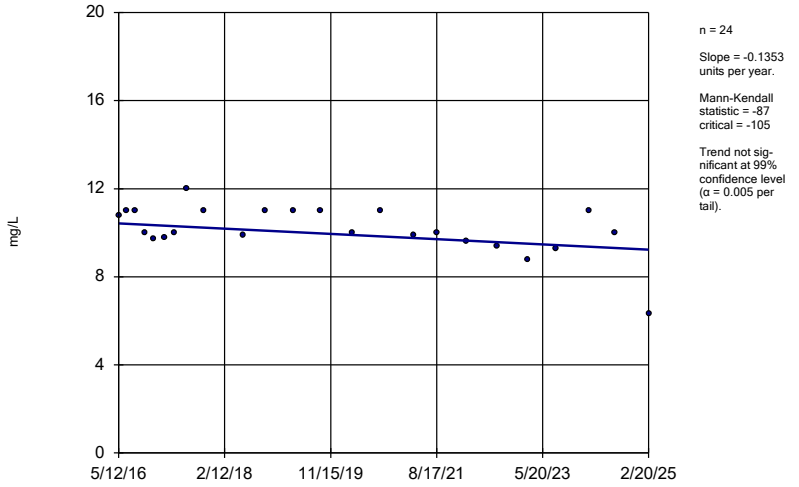
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-20



n = 24

Slope = -0.1353 units per year.

Mann-Kendall statistic = -87
critical = -105

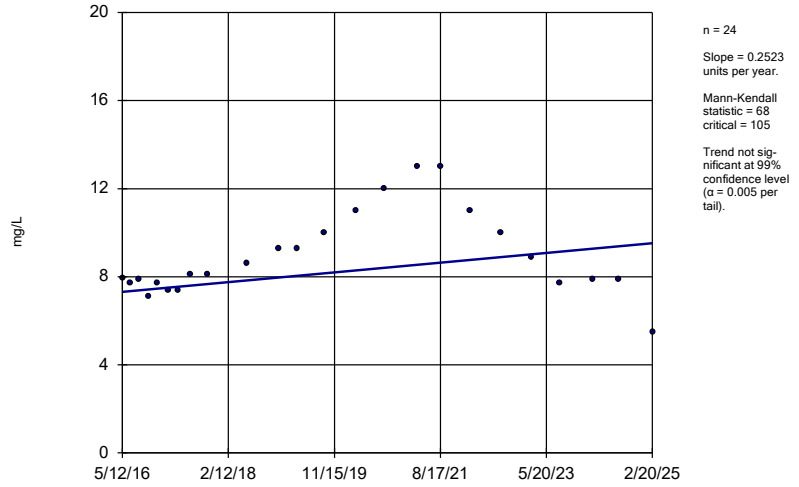
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-21



n = 24

Slope = 0.2523 units per year.

Mann-Kendall statistic = 68
critical = 105

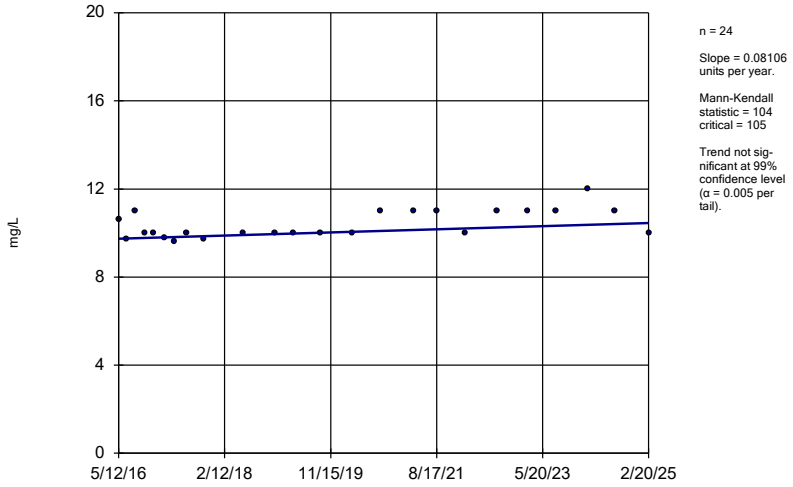
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-22



n = 24

Slope = 0.08106 units per year.

Mann-Kendall statistic = 104 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

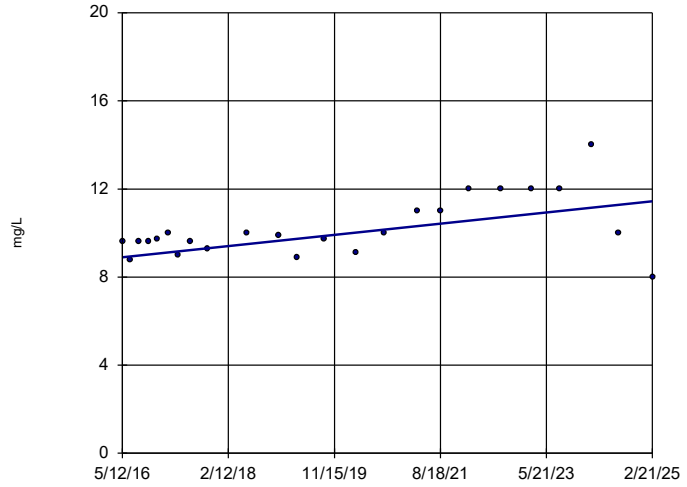
Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-23



n = 24

Slope = 0.2906 units per year.

Mann-Kendall statistic = 115 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

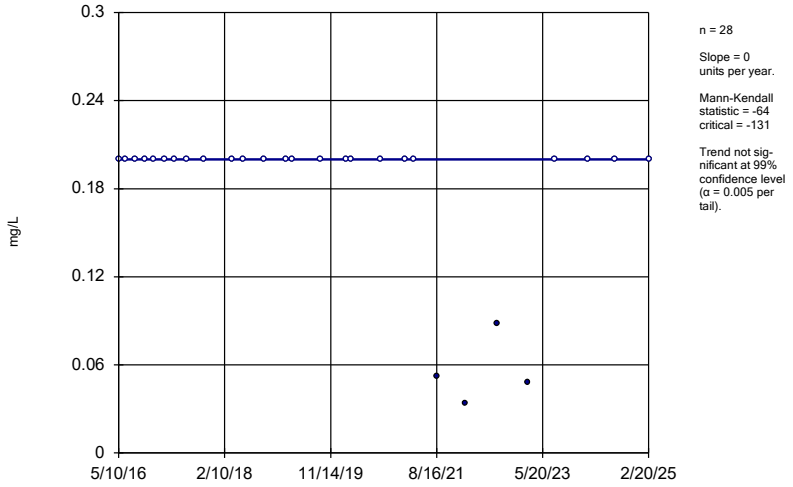
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-1 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = -64 critical = -131

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

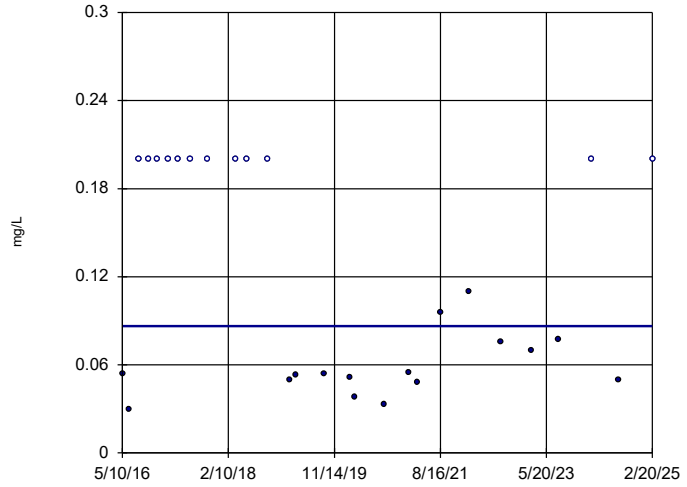
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-2 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = -51 critical = -131

Trend not significant at 99% confidence level (α = 0.005 per tail).

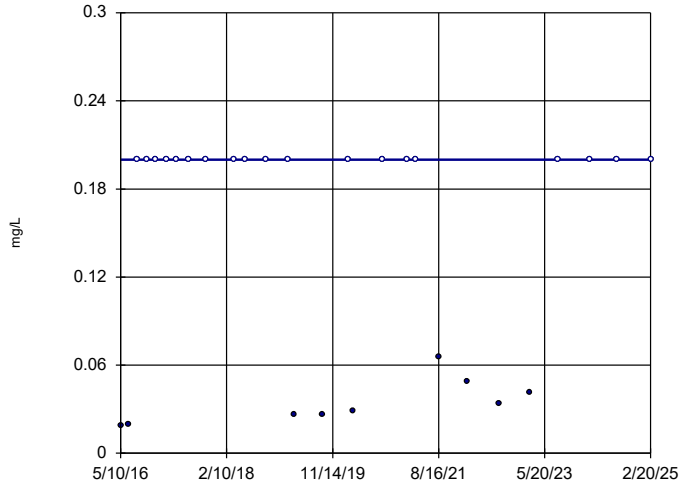
Constituent: Fluoride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-3 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = 8
critical = 131

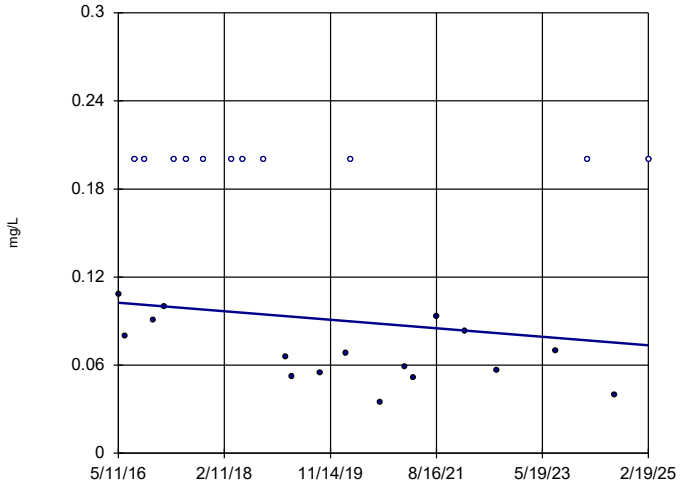
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-4 (bg)



n = 27

Slope = -0.003296 units per year.

Mann-Kendall statistic = -80
critical = -124

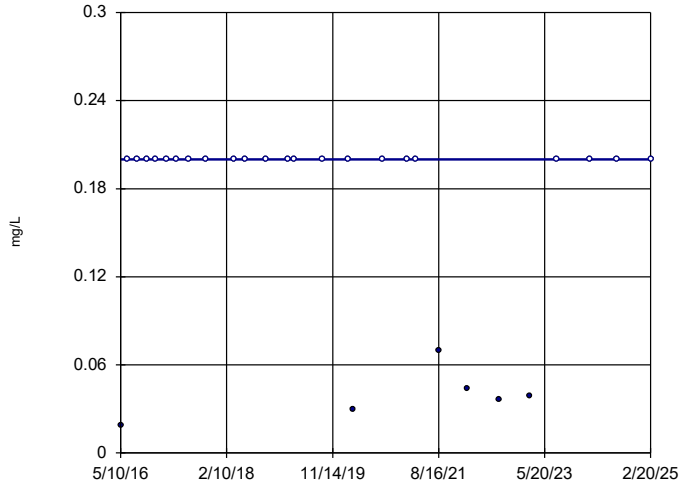
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-5 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = -37
critical = -131

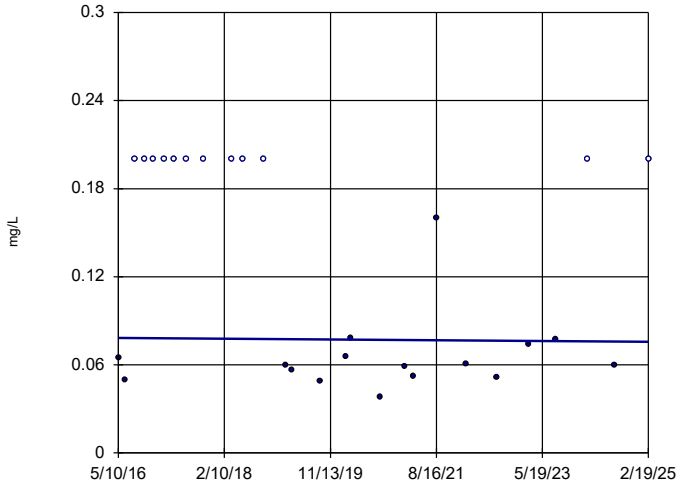
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-24 (bg)



n = 28

Slope = -0.0003025 units per year.

Mann-Kendall statistic = -69
critical = -131

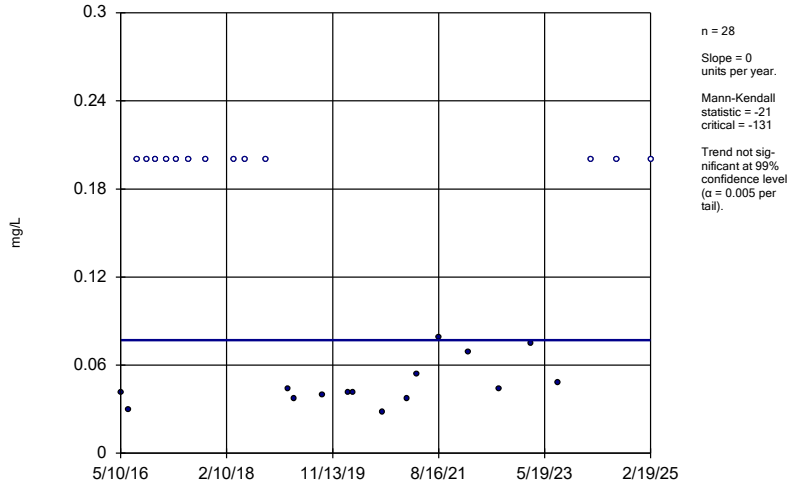
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-25 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = -21
critical = -131

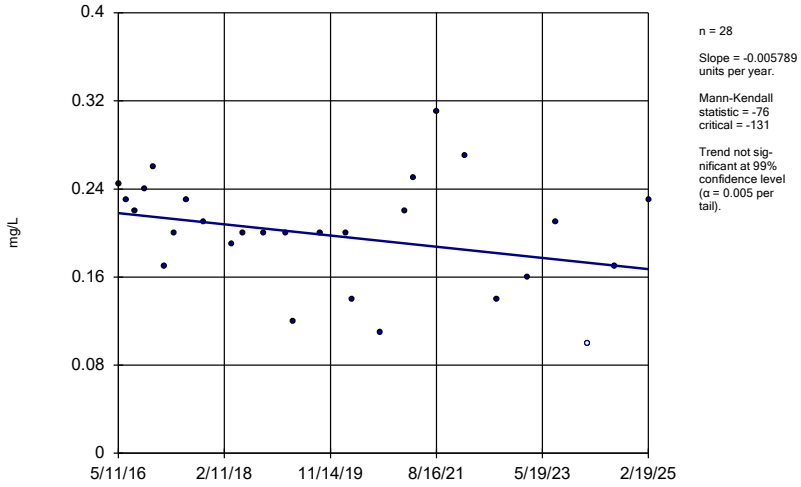
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWC-7



n = 28

Slope = -0.005789 units per year.

Mann-Kendall statistic = -76
critical = -131

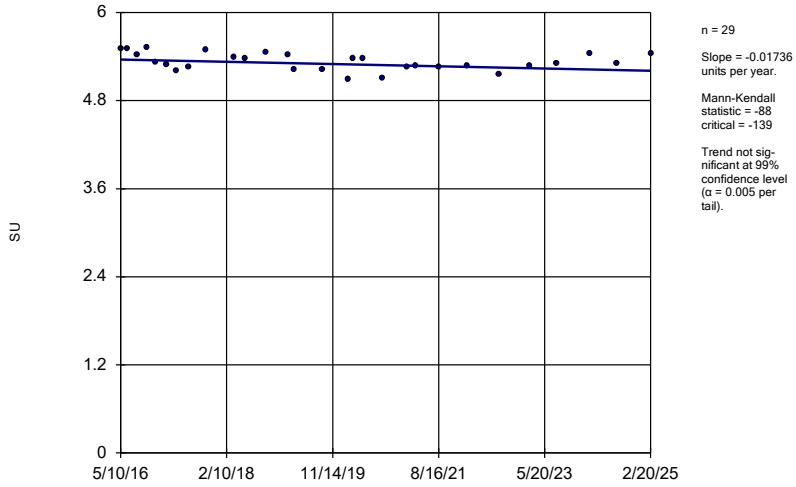
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-1 (bg)



n = 29

Slope = -0.01736 units per year.

Mann-Kendall statistic = -88
critical = -139

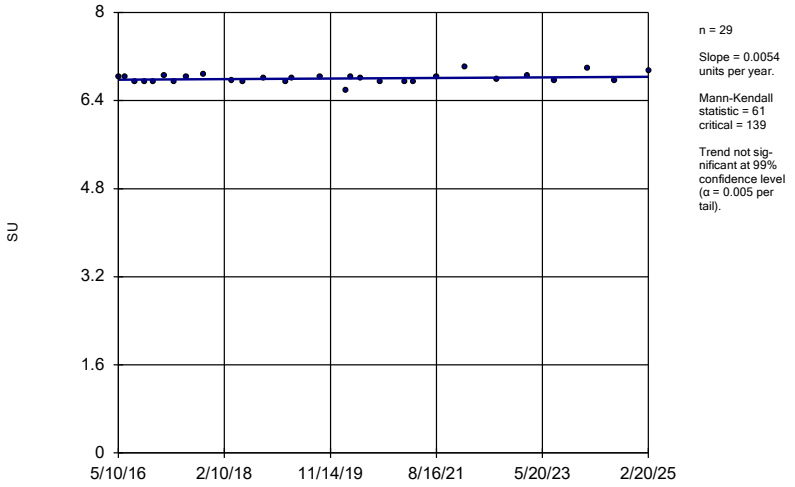
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-2 (bg)



n = 29

Slope = 0.0054 units per year.

Mann-Kendall statistic = 61
critical = 139

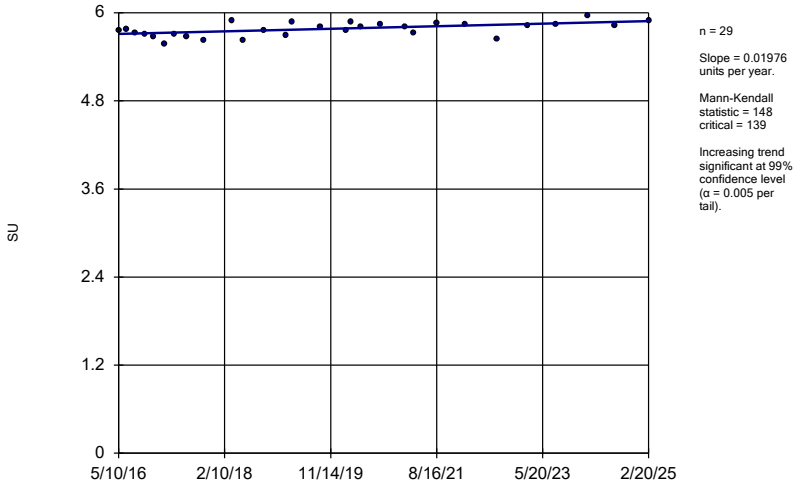
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-3 (bg)



n = 29

Slope = 0.01976 units per year.

Mann-Kendall statistic = 148 critical = 139

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

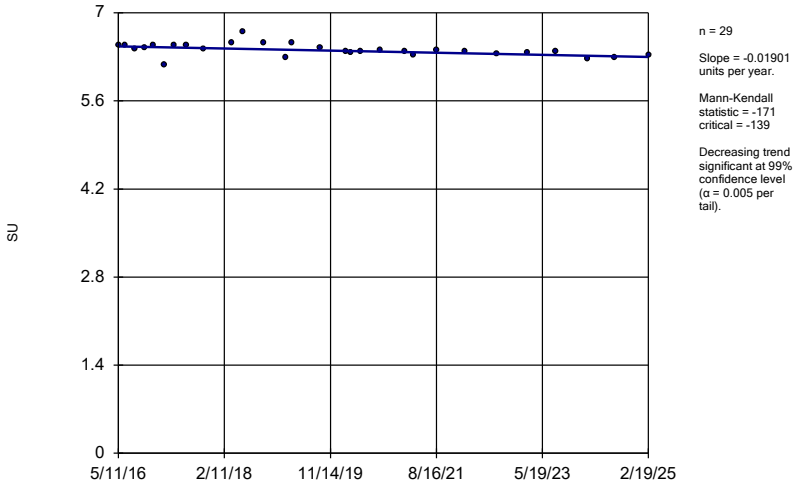
Constituent: pH, Field Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

SGWA-4 (bg)



n = 29

Slope = -0.01901 units per year.

Mann-Kendall statistic = -171 critical = -139

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

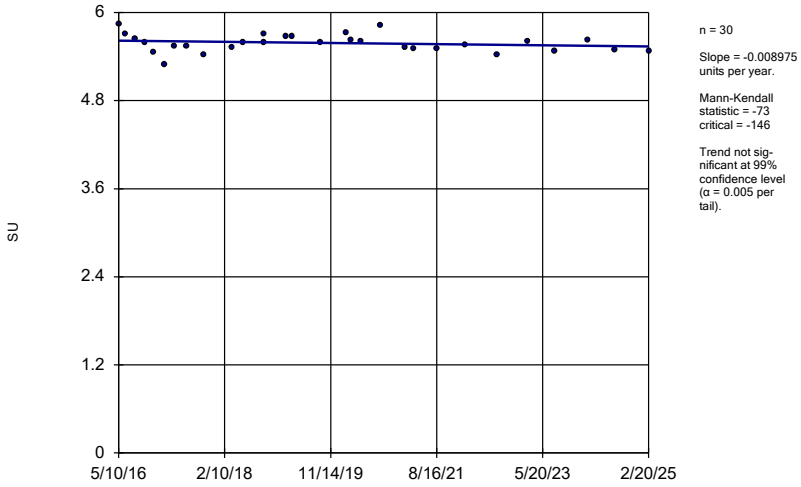
Constituent: pH, Field Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-5 (bg)



n = 30

Slope = -0.008975 units per year.

Mann-Kendall statistic = -73 critical = -146

Trend not significant at 99% confidence level (α = 0.005 per tail).

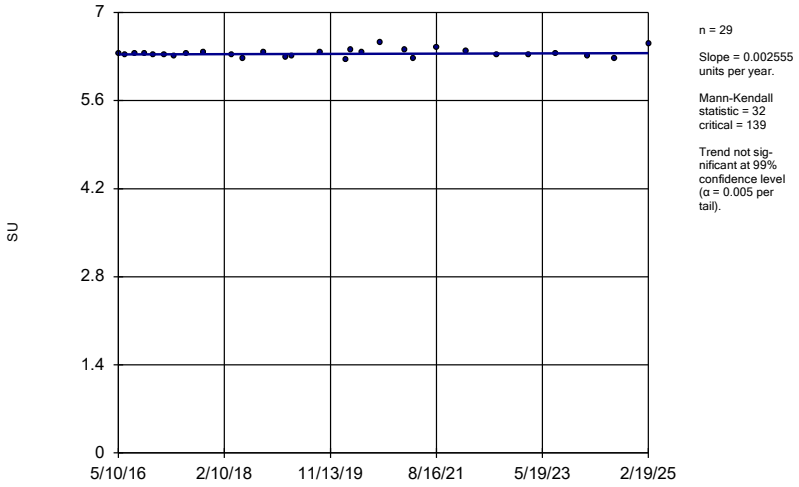
Constituent: pH, Field Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-24 (bg)



n = 29

Slope = 0.002555 units per year.

Mann-Kendall statistic = 32 critical = 139

Trend not significant at 99% confidence level (α = 0.005 per tail).

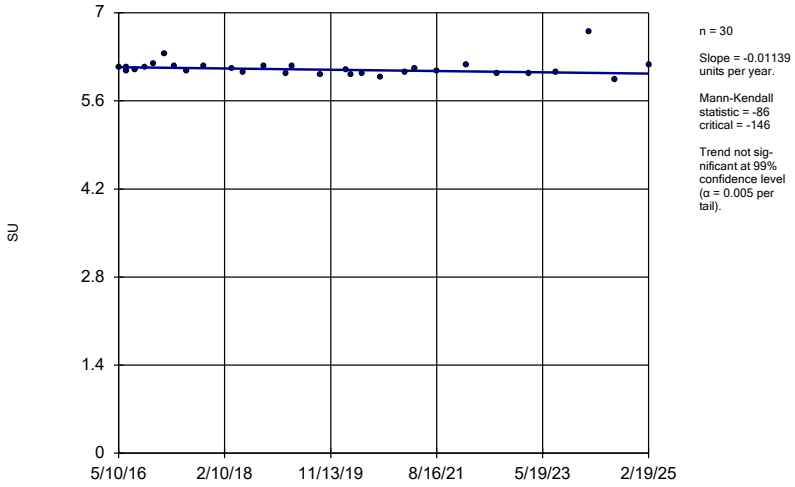
Constituent: pH, Field Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-25 (bg)



n = 30

Slope = -0.01139 units per year.

Mann-Kendall statistic = -86
critical = -146

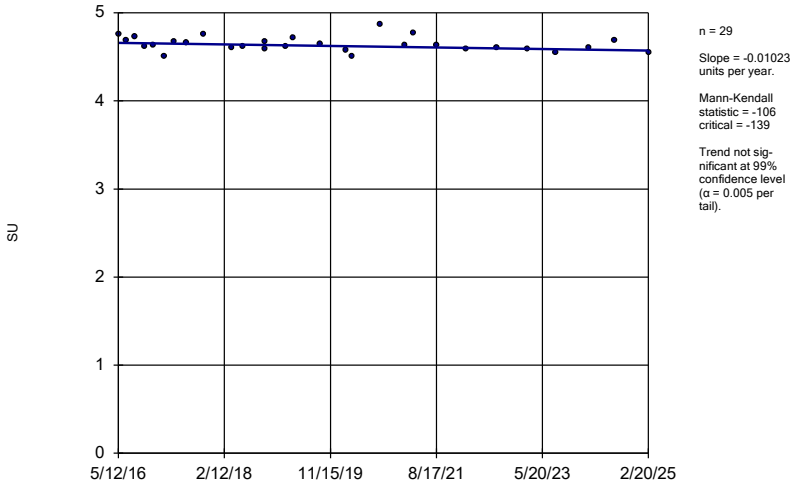
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-15



n = 29

Slope = -0.01023 units per year.

Mann-Kendall statistic = -106
critical = -139

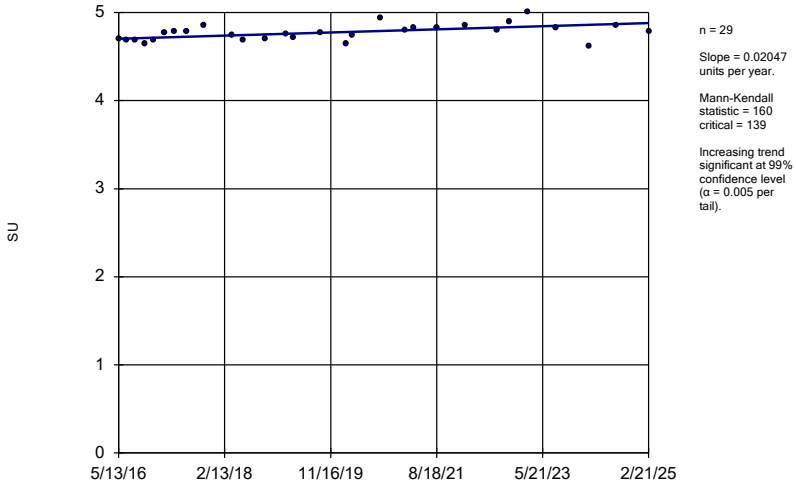
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-18



n = 29

Slope = 0.02047 units per year.

Mann-Kendall statistic = 160
critical = 139

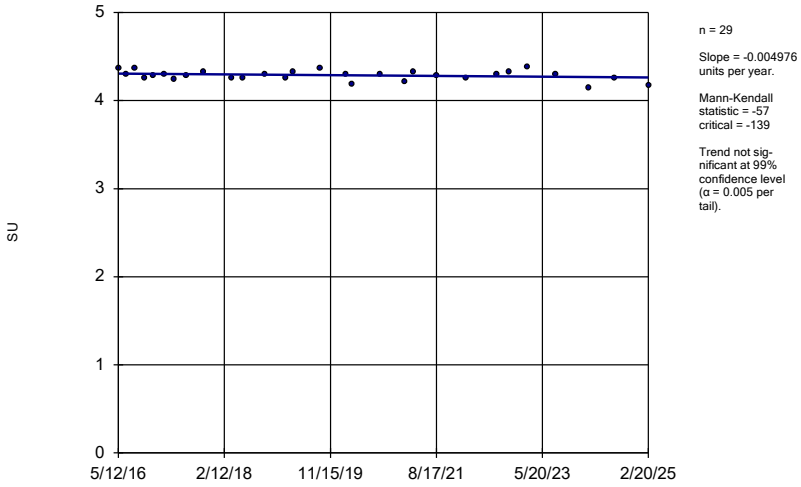
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-20



n = 29

Slope = -0.004976 units per year.

Mann-Kendall statistic = -57
critical = -139

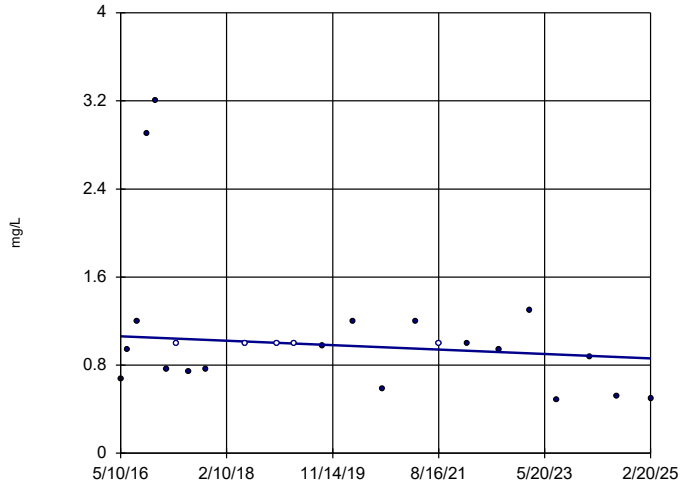
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-1 (bg)



n = 24

Slope = -0.02284 units per year.

Mann-Kendall statistic = -52
critical = -105

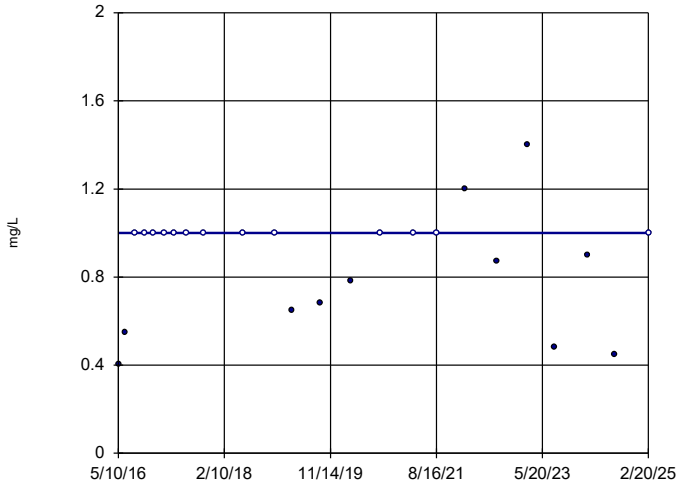
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-2 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 6
critical = 105

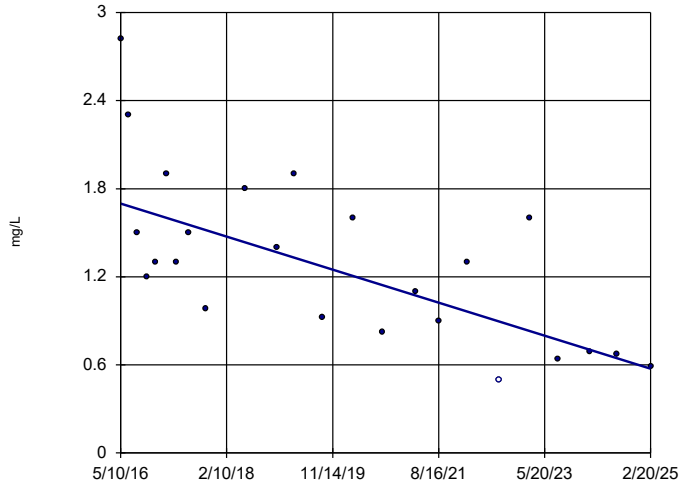
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-3 (bg)



n = 24

Slope = -0.128 units per year.

Mann-Kendall statistic = -144
critical = -105

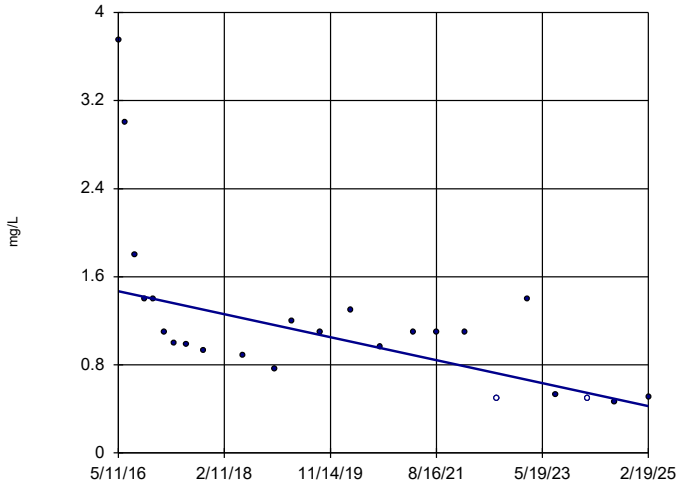
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-4 (bg)



n = 24

Slope = -0.1188 units per year.

Mann-Kendall statistic = -146
critical = -105

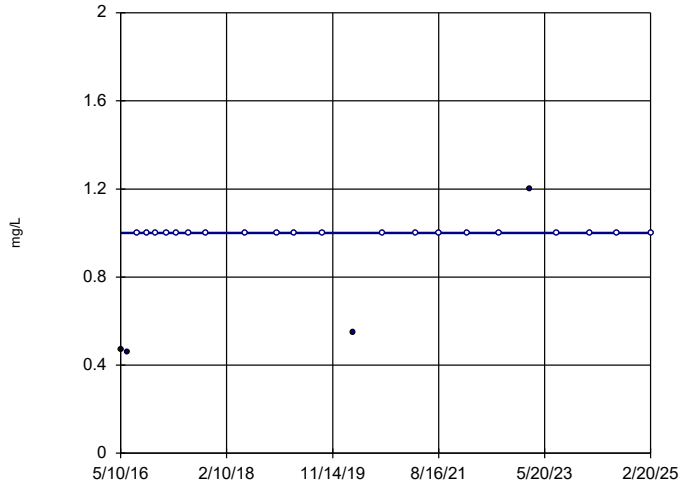
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-5 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 54 critical = 105

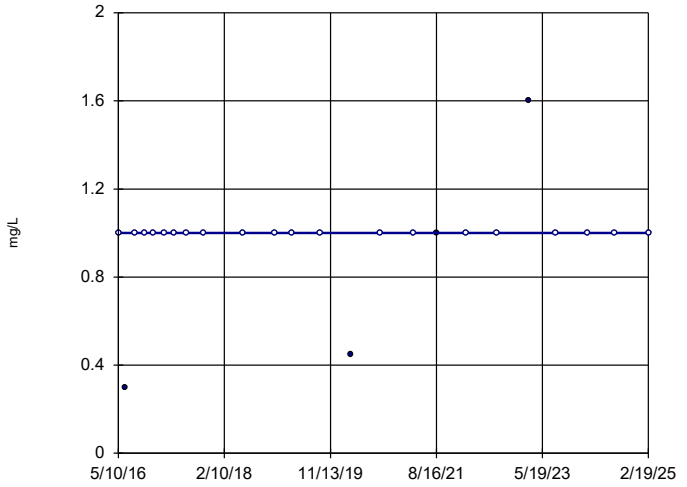
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-24 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 32 critical = 105

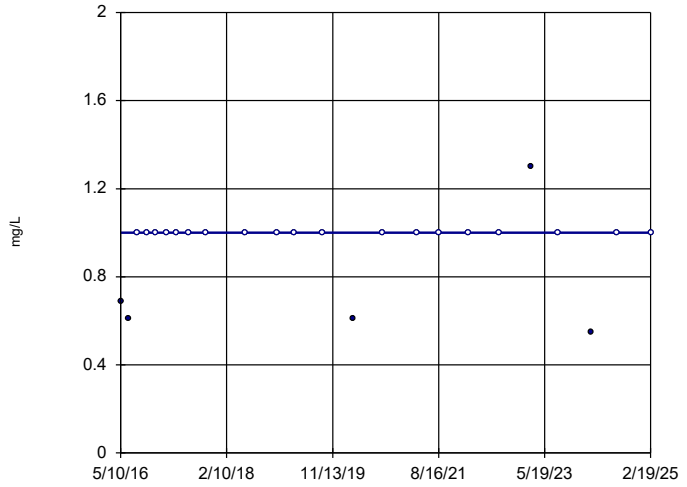
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-25 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 30 critical = 105

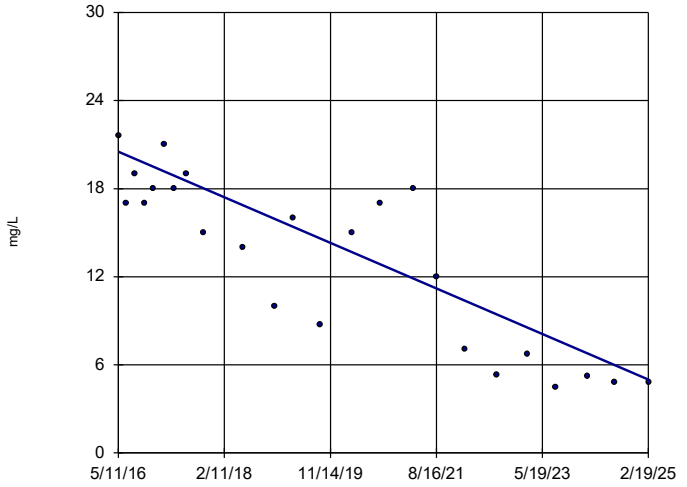
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-7



n = 24

Slope = -1.767 units per year.

Mann-Kendall statistic = -187 critical = -105

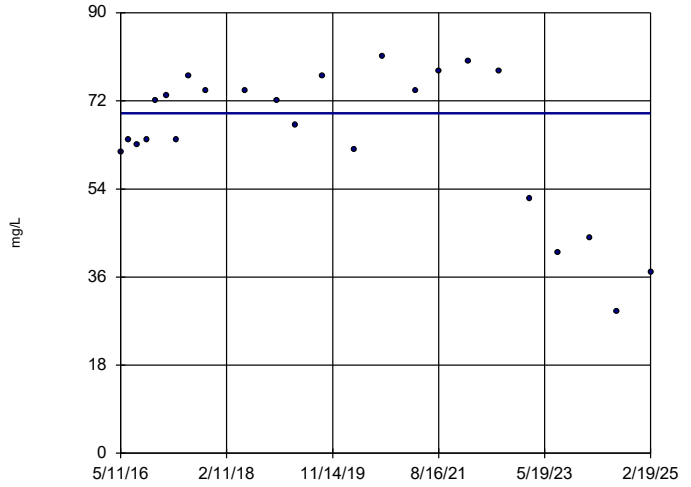
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-8



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -7 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

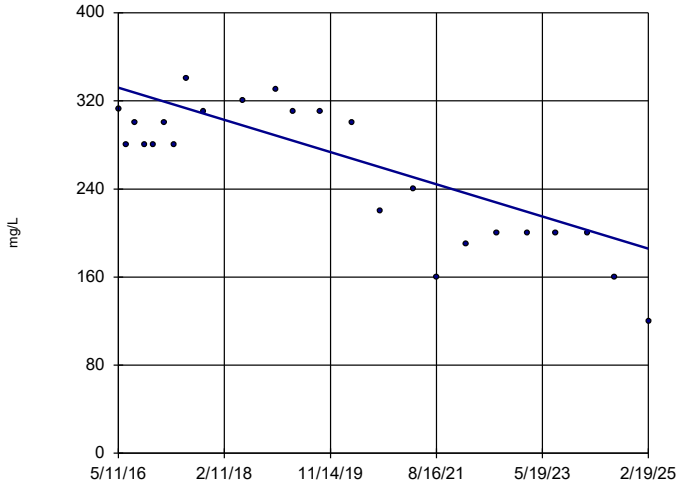
Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-9



n = 24

Slope = -16.63 units per year.

Mann-Kendall statistic = -137 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

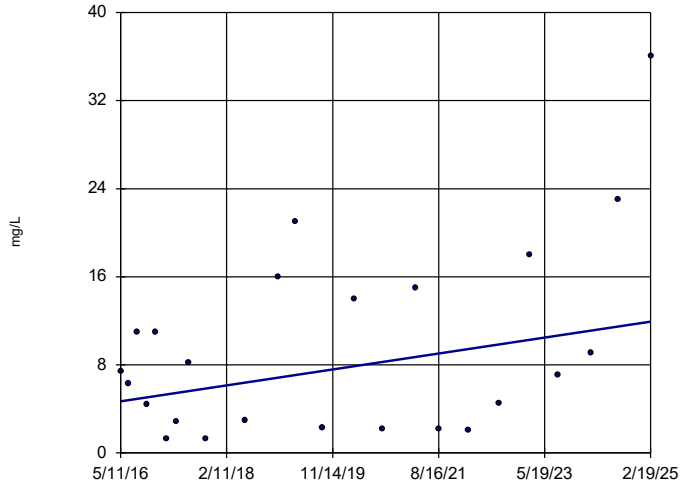
Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-10



n = 24

Slope = 0.822 units per year.

Mann-Kendall statistic = 55 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests

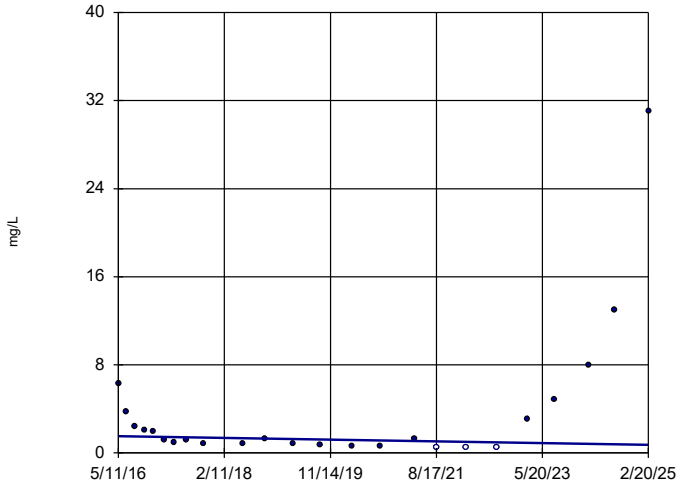
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWC-11



n = 24

Slope = -0.09154 units per year.

Mann-Kendall statistic = -33 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

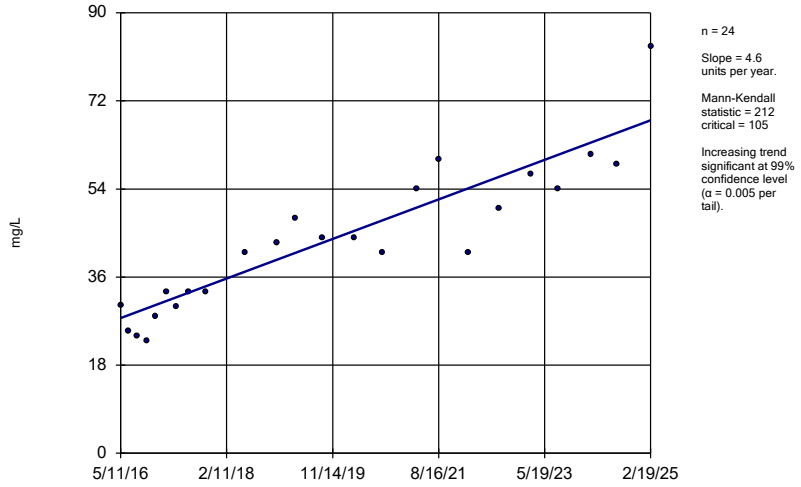
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-12



n = 24

Slope = 4.6 units per year.

Mann-Kendall statistic = 212 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

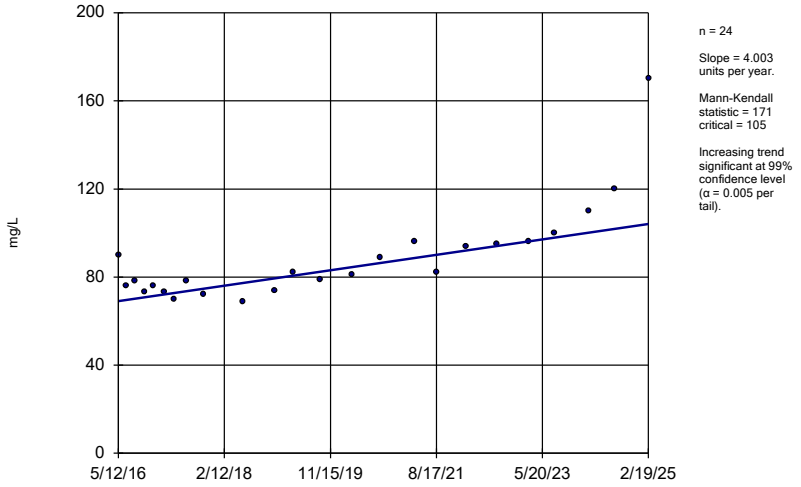
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-13



n = 24

Slope = 4.003 units per year.

Mann-Kendall statistic = 171 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

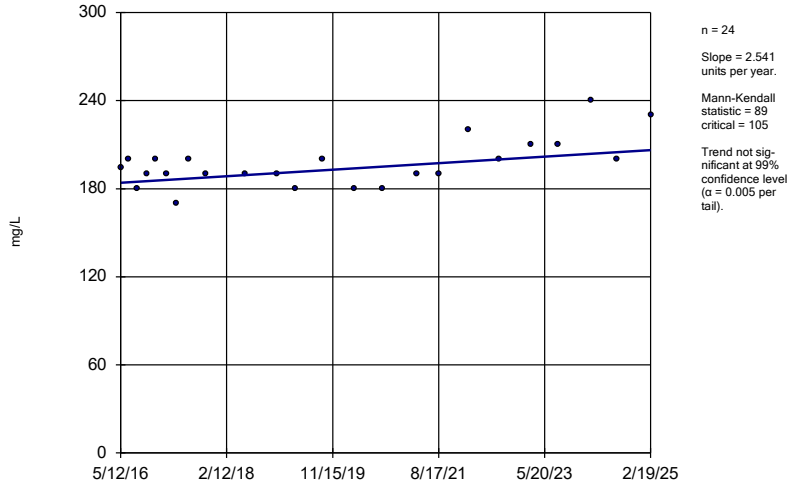
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-14



n = 24

Slope = 2.541 units per year.

Mann-Kendall statistic = 89 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

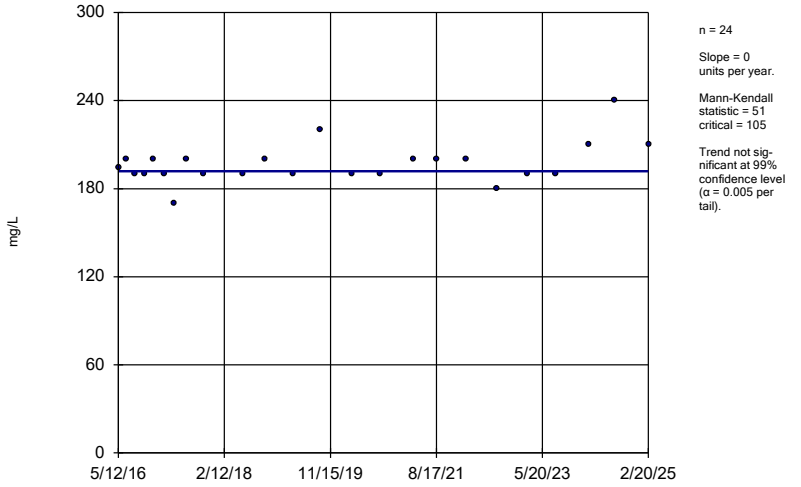
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-15



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 51 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

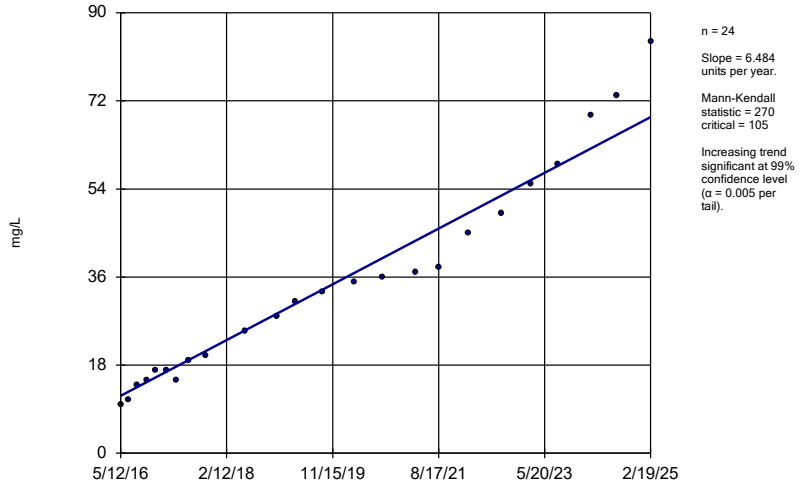
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-16



n = 24

Slope = 6.484 units per year.

Mann-Kendall statistic = 270 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

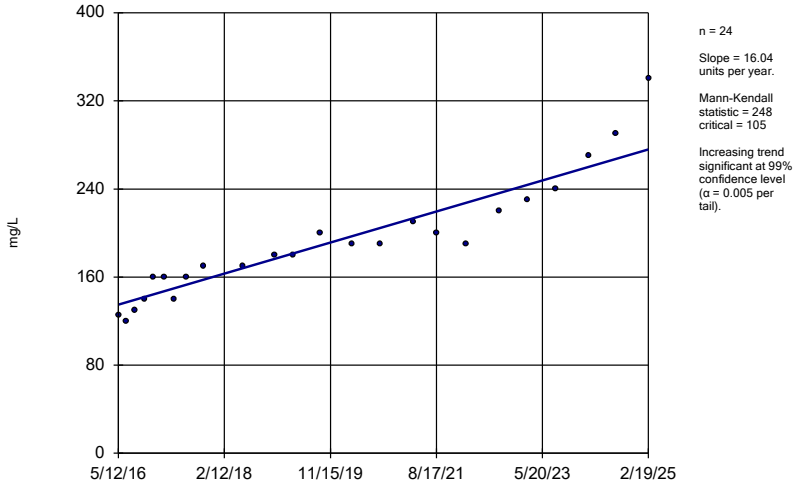
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-17



n = 24

Slope = 16.04 units per year.

Mann-Kendall statistic = 248 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

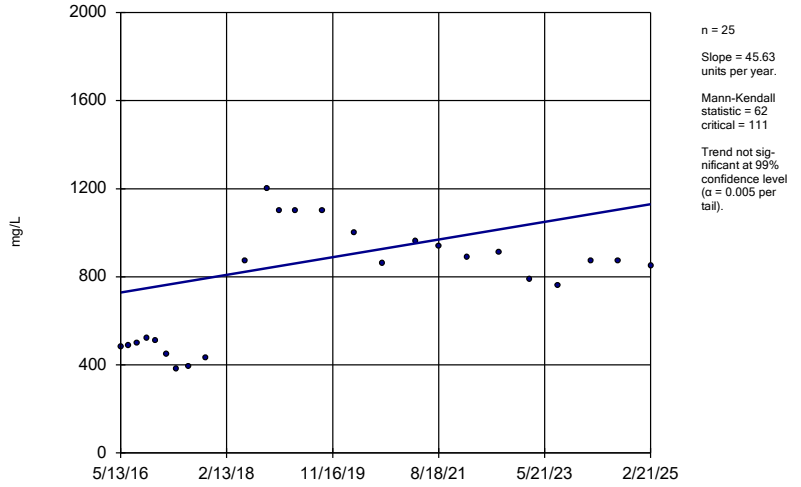
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-18



n = 25

Slope = 45.63 units per year.

Mann-Kendall statistic = 62 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

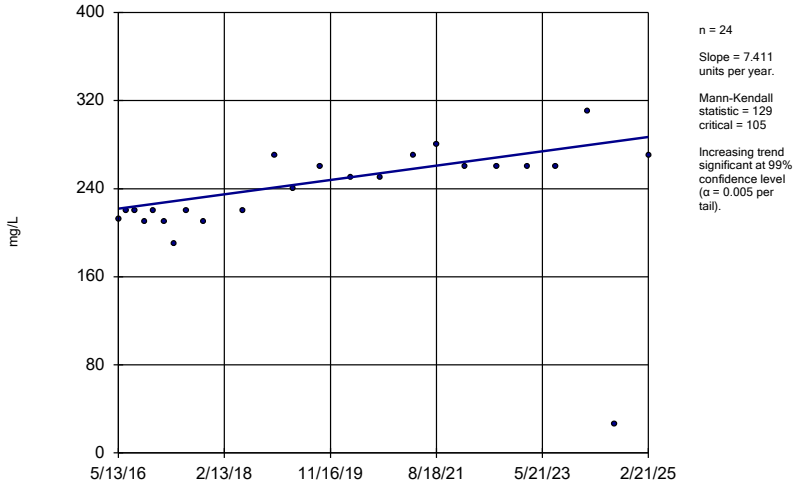
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-19



n = 24

Slope = 7.411 units per year.

Mann-Kendall statistic = 129 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

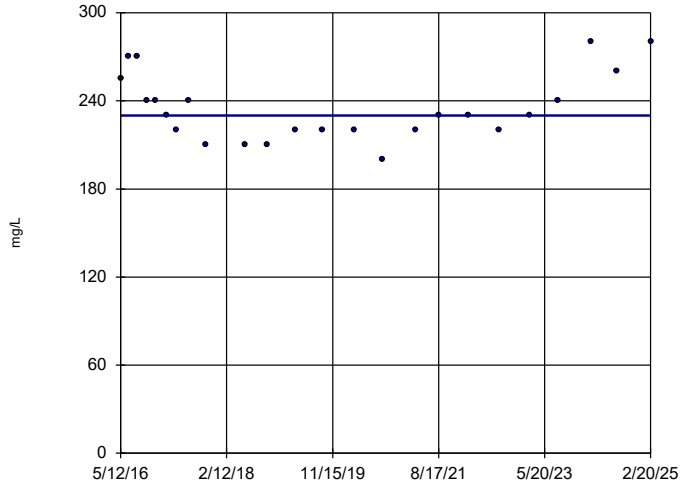
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-20



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 6
critical = 105

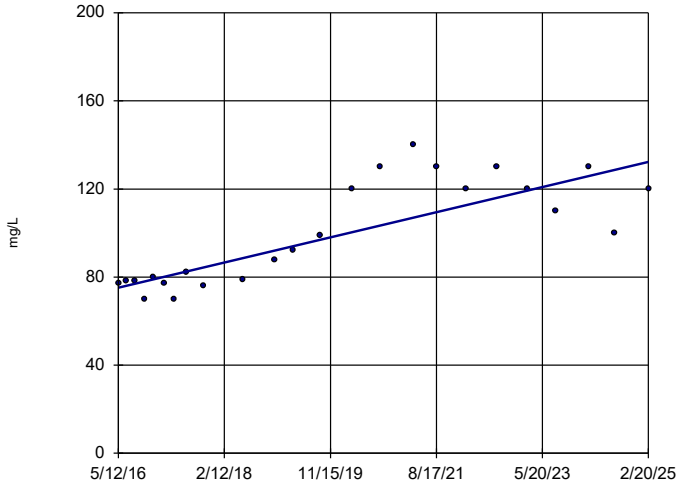
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-21



n = 24

Slope = 6.509 units per year.

Mann-Kendall statistic = 162
critical = 105

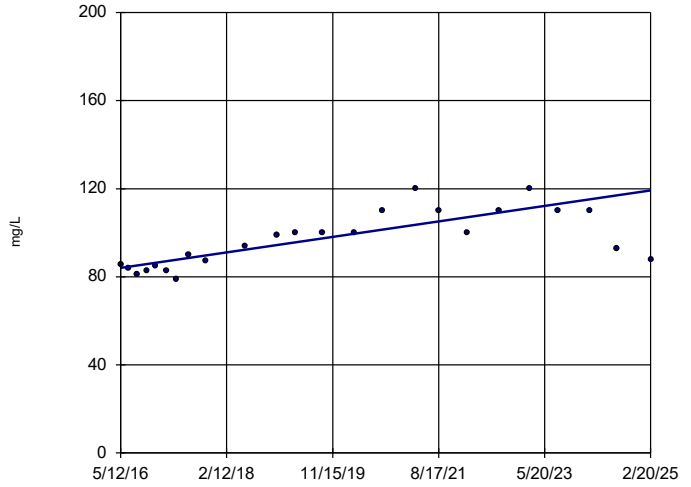
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-22



n = 24

Slope = 4 units per year.

Mann-Kendall statistic = 152
critical = 105

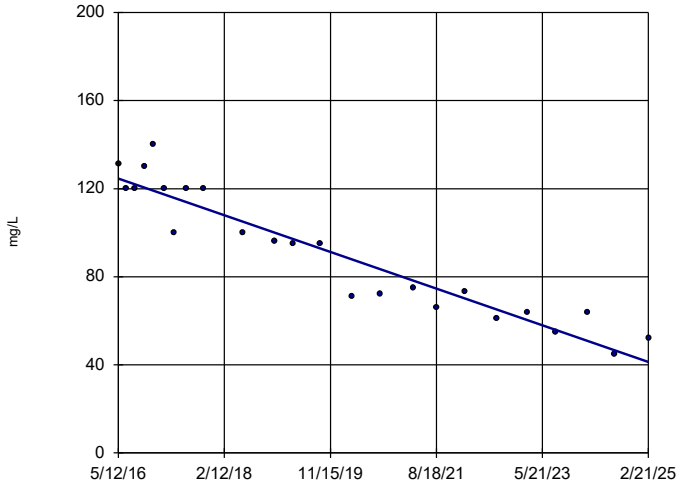
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-23



n = 24

Slope = -9.483 units per year.

Mann-Kendall statistic = -227
critical = -105

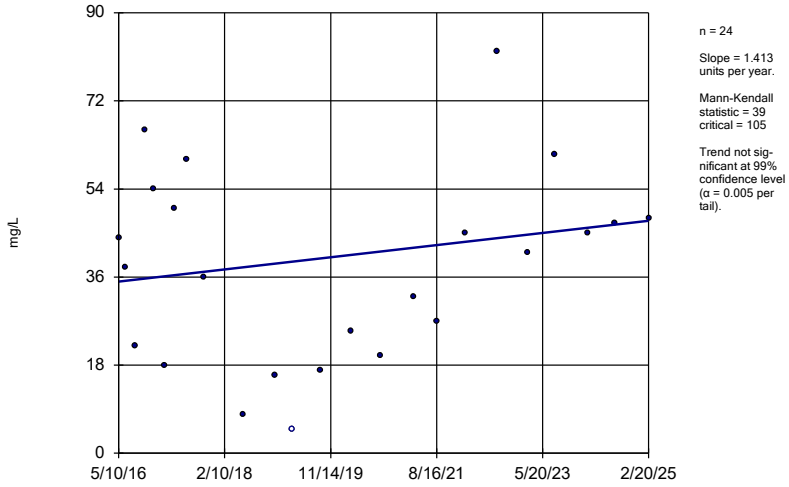
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-1 (bg)



n = 24

Slope = 1.413 units per year.

Mann-Kendall statistic = 39 critical = 105

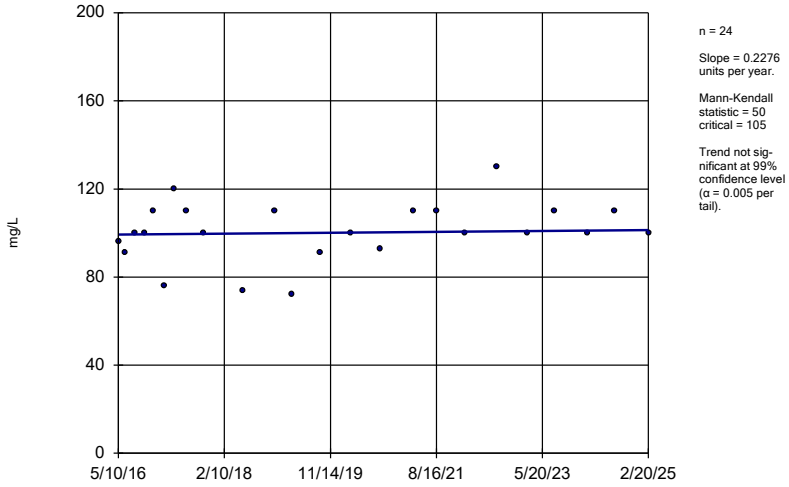
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-2 (bg)



n = 24

Slope = 0.2276 units per year.

Mann-Kendall statistic = 50 critical = 105

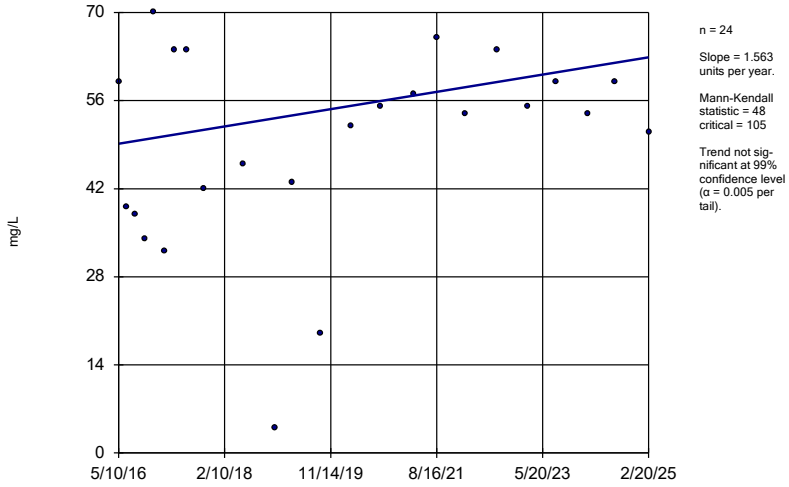
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-3 (bg)



n = 24

Slope = 1.563 units per year.

Mann-Kendall statistic = 48 critical = 105

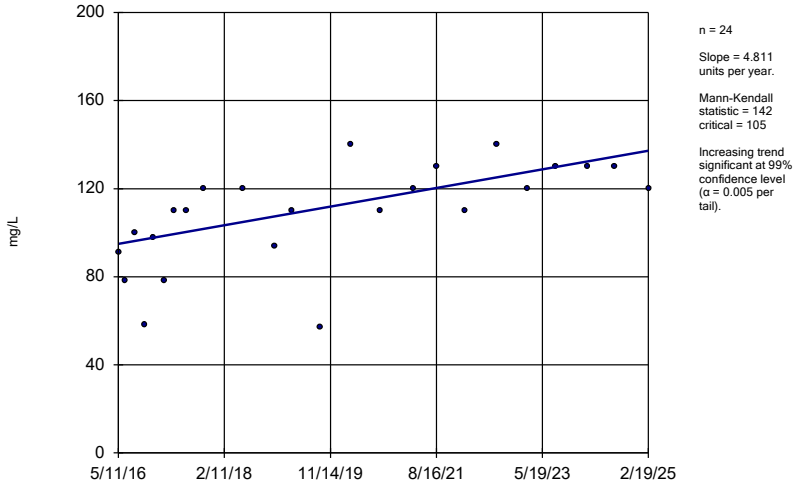
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-4 (bg)



n = 24

Slope = 4.811 units per year.

Mann-Kendall statistic = 142 critical = 105

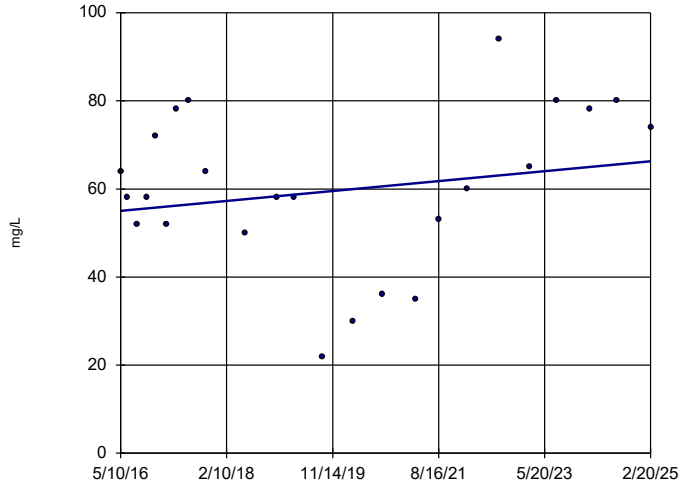
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/17/2025 11:57 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-5 (bg)



n = 24

Slope = 1.28 units per year.

Mann-Kendall statistic = 48 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

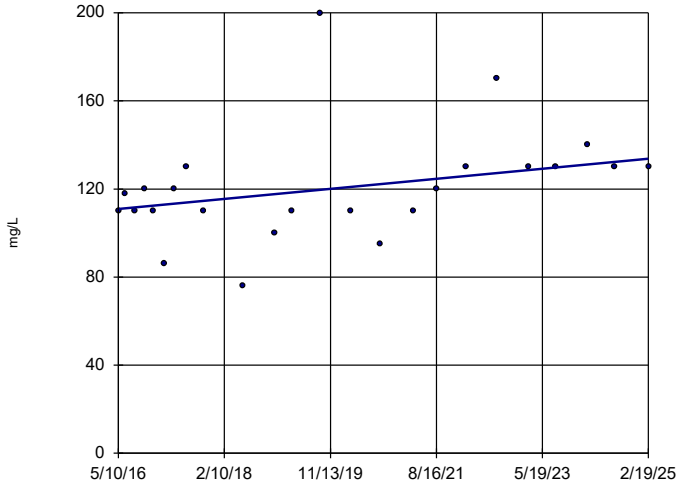
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Sen's Slope Estimator

SGWA-24 (bg)



n = 24

Slope = 2.602 units per year.

Mann-Kendall statistic = 95 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

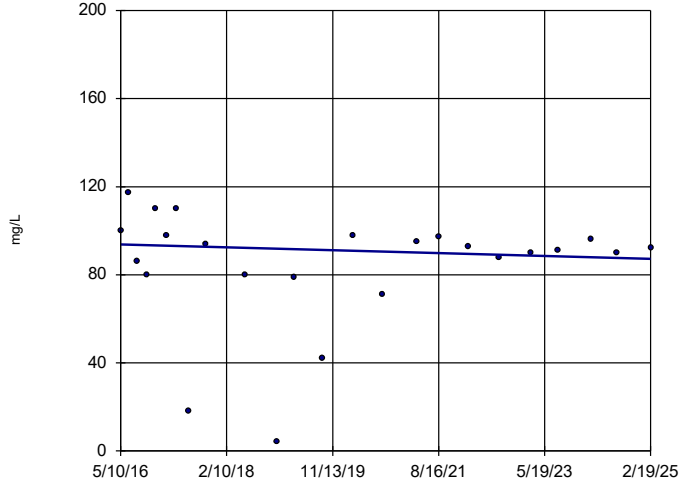
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Sen's Slope Estimator

SGWA-25 (bg)



n = 24

Slope = -0.7464 units per year.

Mann-Kendall statistic = -36 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

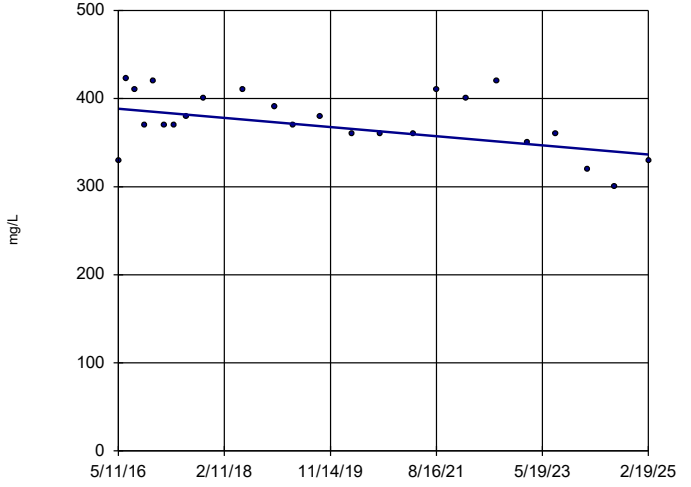
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-8



n = 24

Slope = -5.894 units per year.

Mann-Kendall statistic = -95 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

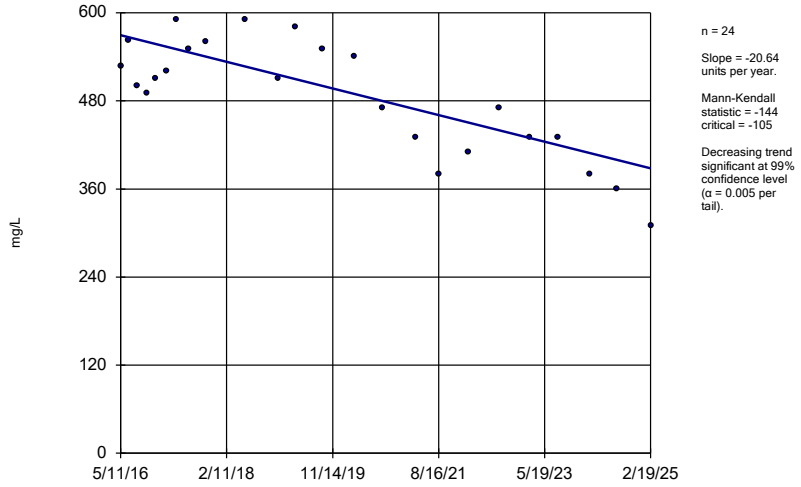
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-9



n = 24

Slope = -20.64 units per year.

Mann-Kendall statistic = -144 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

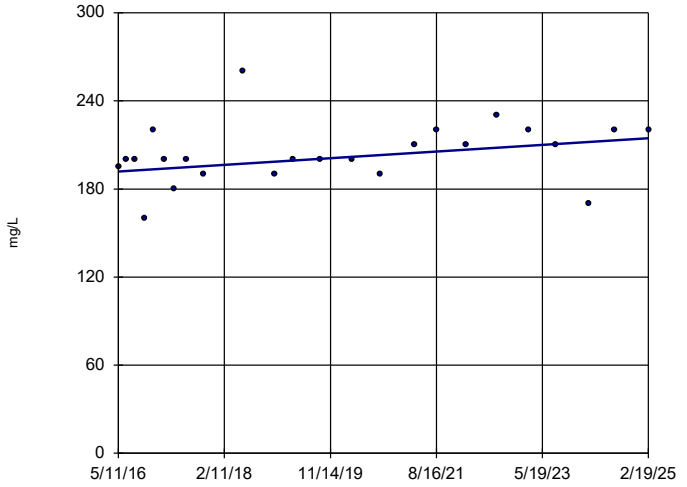
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-12



n = 24

Slope = 2.575 units per year.

Mann-Kendall statistic = 85 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

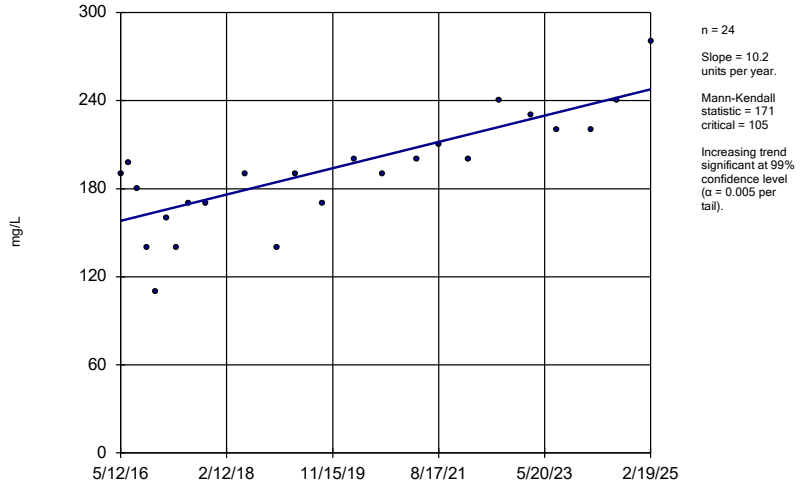
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-13



n = 24

Slope = 10.2 units per year.

Mann-Kendall statistic = 171 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

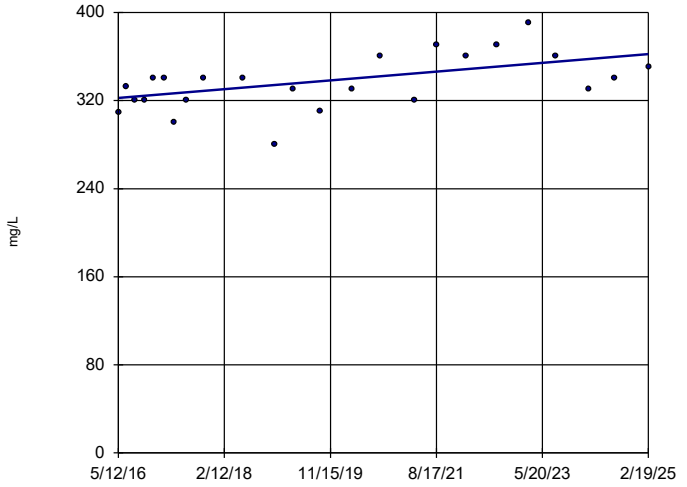
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-14



n = 24

Slope = 4.547 units per year.

Mann-Kendall statistic = 103 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

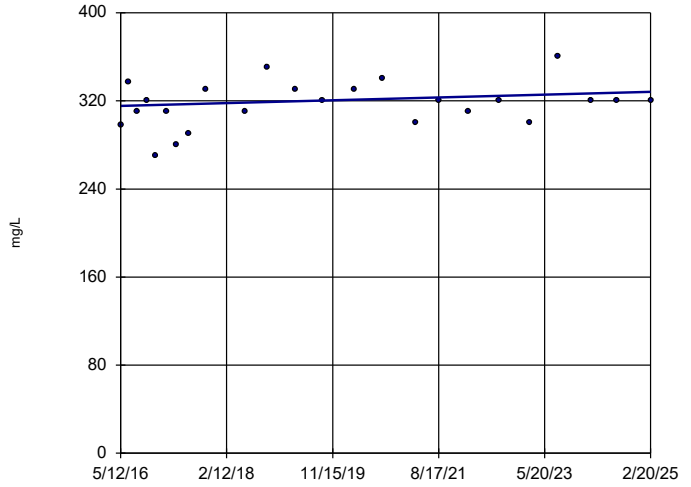
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-15



n = 24

Slope = 1.456 units per year.

Mann-Kendall statistic = 49 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

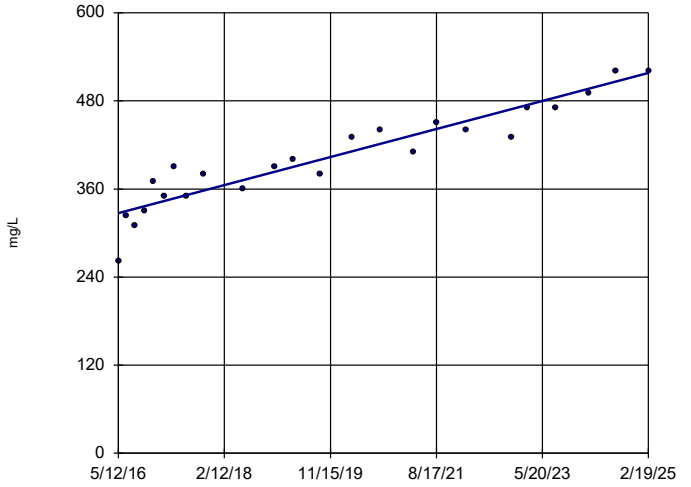
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Sen's Slope Estimator

SGWC-17



n = 24

Slope = 21.73 units per year.

Mann-Kendall statistic = 235 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

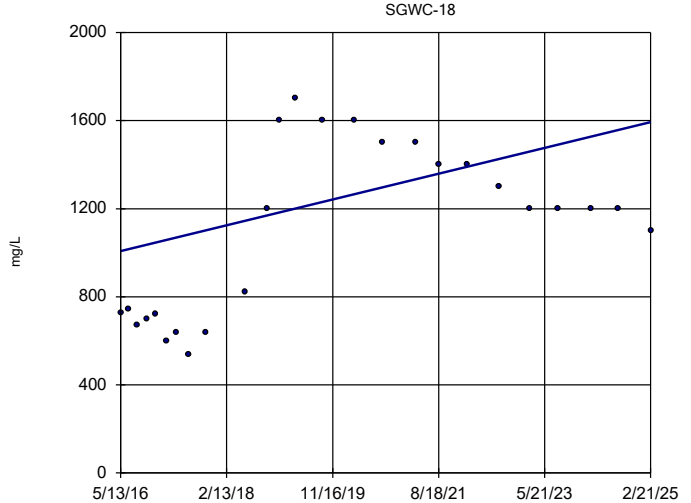
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-18



n = 25

Slope = 66.6 units per year.

Mann-Kendall statistic = 68 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

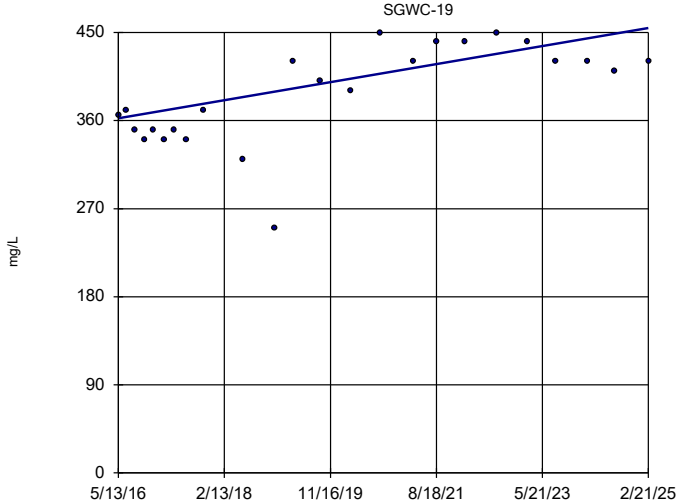
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-19



n = 24

Slope = 10.51 units per year.

Mann-Kendall statistic = 117 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

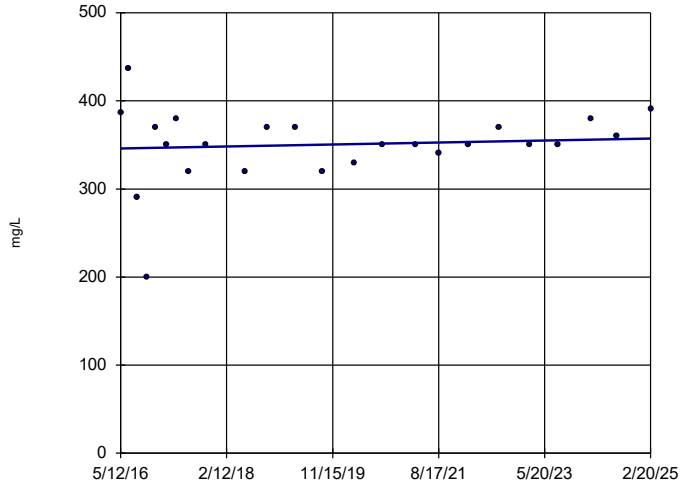
Constituent: TDS Analysis Run 4/17/2025 11:58 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

SGWC-20



n = 24

Slope = 1.306 units per year.

Mann-Kendall statistic = 35 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

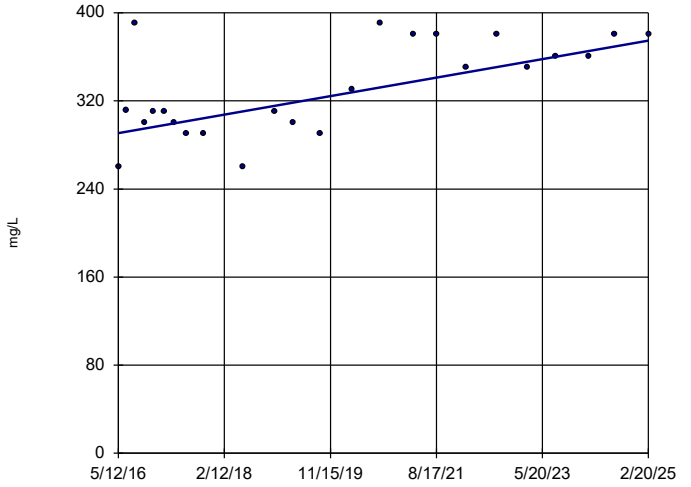
Constituent: TDS Analysis Run 4/17/2025 11:58 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

SGWC-21



n = 24

Slope = 9.566 units per year.

Mann-Kendall statistic = 103 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

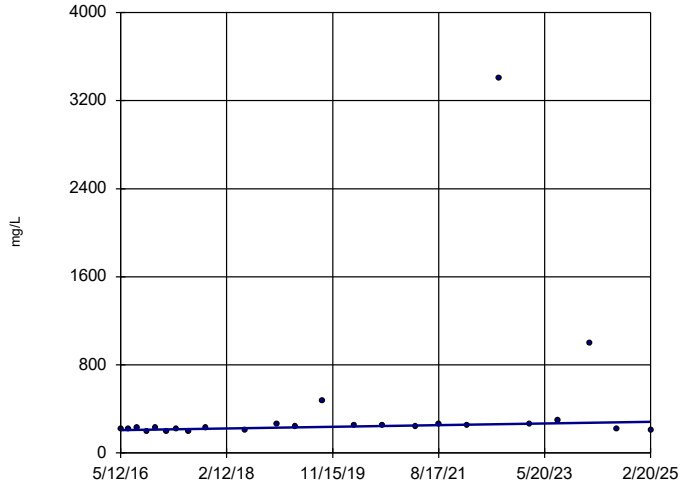
Constituent: TDS Analysis Run 4/17/2025 11:58 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

SGWC-22



n = 24

Slope = 8.746 units per year.

Mann-Kendall statistic = 117 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/17/2025 11:58 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

FIGURE G.

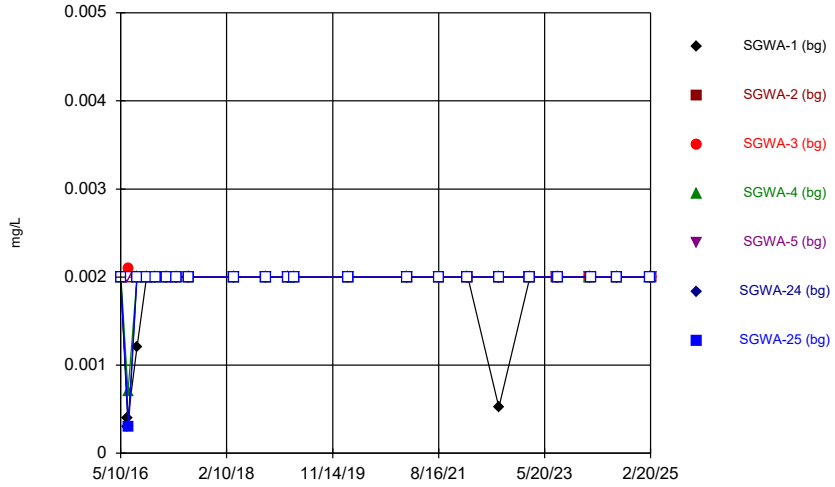
Upper Tolerance Limits Summary Table

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:26 PM

Constituent	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.0021	154	n/a	n/a	95.45	n/a	n/a	0.0003711	NP Inter(NDs)
Arsenic (mg/L)	0.0015	189	n/a	n/a	88.36	n/a	n/a	NaN	NP Inter(NDs)
Barium (mg/L)	0.091	189	n/a	n/a	0	n/a	n/a	NaN	NP Inter(normality)
Beryllium (mg/L)	0.0025	189	n/a	n/a	92.59	n/a	n/a	NaN	NP Inter(NDs)
Cadmium (mg/L)	0.0025	182	n/a	n/a	98.9	n/a	n/a	NaN	NP Inter(NDs)
Chromium (mg/L)	0.027	196	n/a	n/a	24.49	n/a	n/a	NaN	NP Inter(normality)
Cobalt (mg/L)	0.0025	163	n/a	n/a	77.3	n/a	n/a	0.0002339	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	1.66	189	n/a	n/a	0	n/a	n/a	NaN	NP Inter(normality)
Fluoride (mg/L)	0.2	195	n/a	n/a	57.95	n/a	n/a	NaN	NP Inter(NDs)
Lead (mg/L)	0.001	189	n/a	n/a	94.18	n/a	n/a	NaN	NP Inter(NDs)
Lithium (mg/L)	0.0051	189	n/a	n/a	84.66	n/a	n/a	NaN	NP Inter(NDs)
Mercury (mg/L)	0.0005	191	n/a	n/a	93.19	n/a	n/a	NaN	NP Inter(NDs)
Molybdenum (mg/L)	0.015	182	n/a	n/a	93.41	n/a	n/a	NaN	NP Inter(NDs)
Selenium (mg/L)	0.005	189	n/a	n/a	93.12	n/a	n/a	NaN	NP Inter(NDs)
Thallium (mg/L)	0.001	189	n/a	n/a	93.65	n/a	n/a	NaN	NP Inter(NDs)

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Hollow symbols indicate censored values.

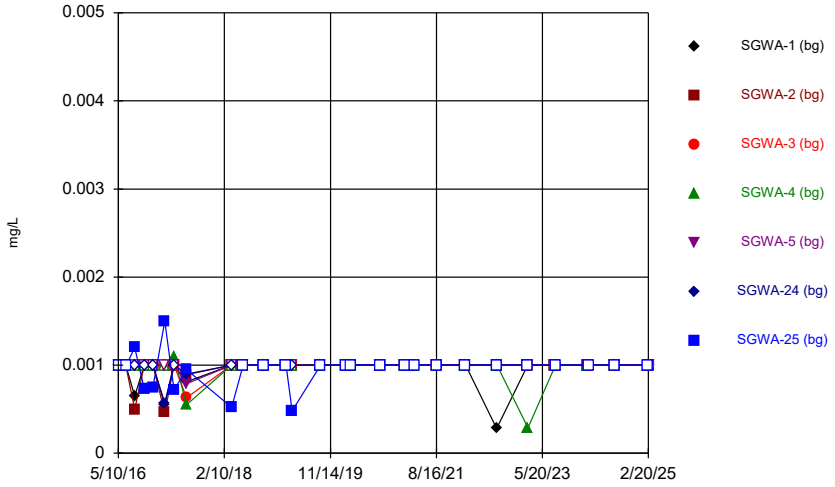
Time Series



Constituent: Antimony Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

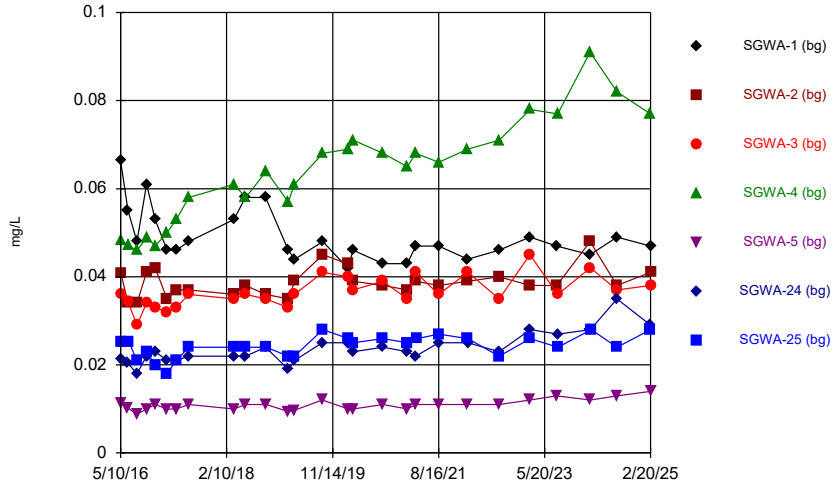
Time Series



Constituent: Arsenic Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

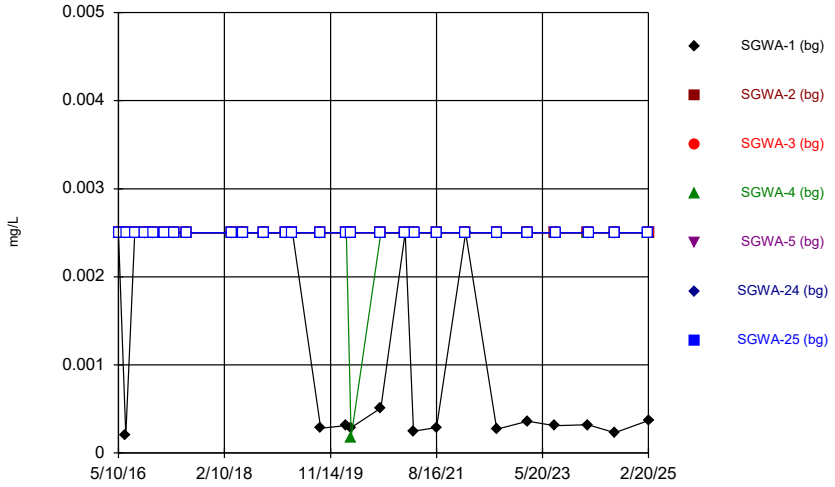
Time Series



Constituent: Barium Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

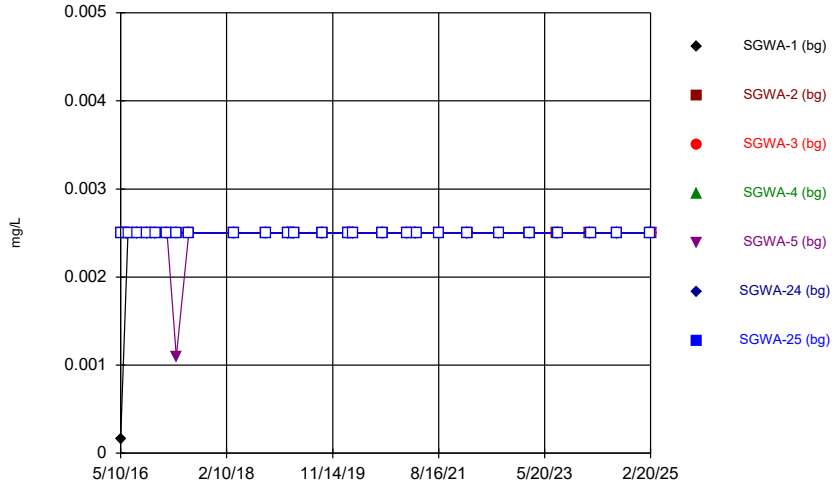
Time Series



Constituent: Beryllium Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

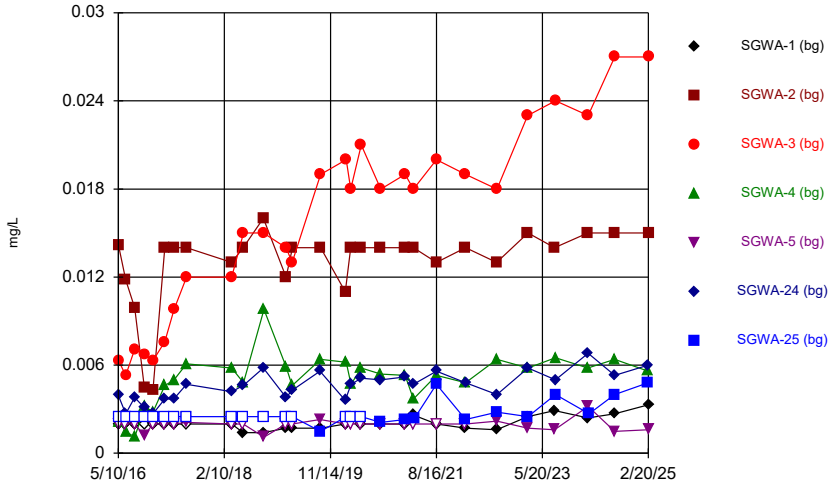
Time Series



Constituent: Cadmium Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

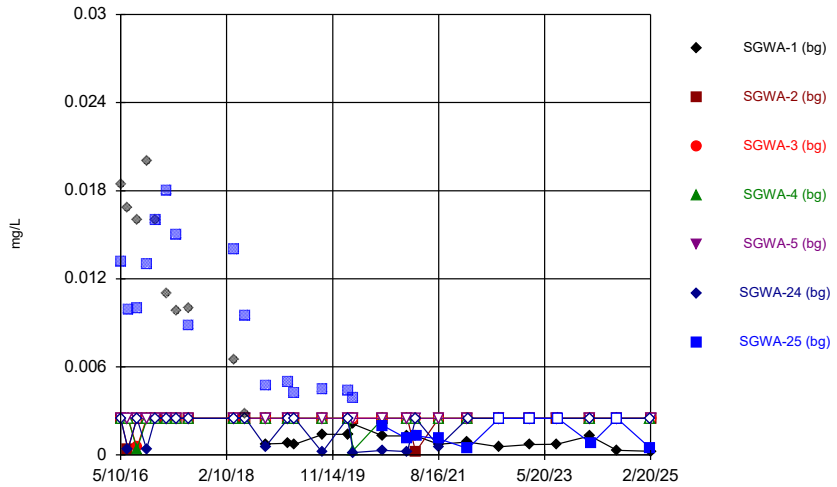
Time Series



Constituent: Chromium Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

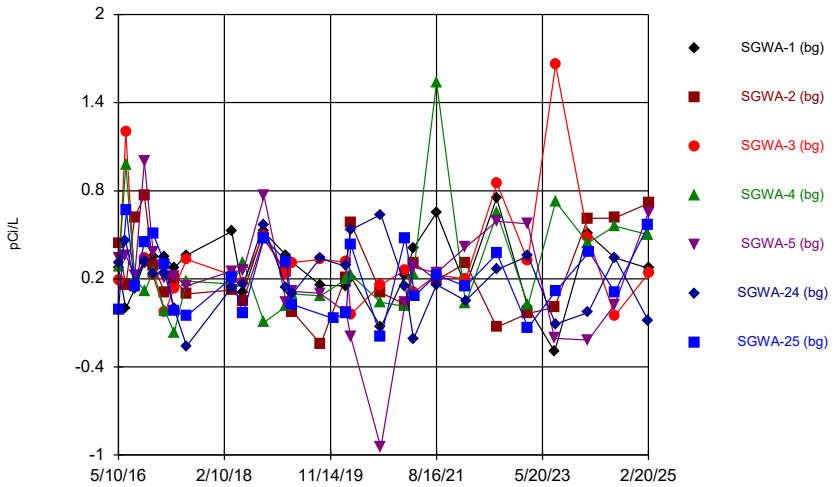
Time Series



Constituent: Cobalt Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

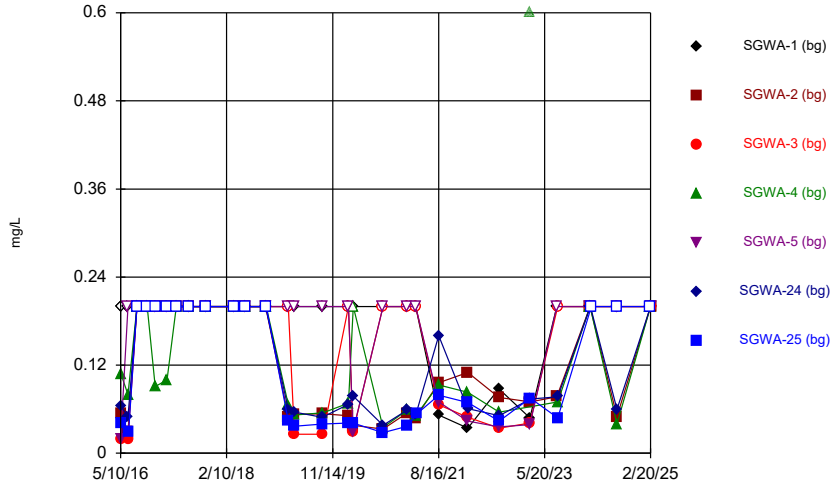
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

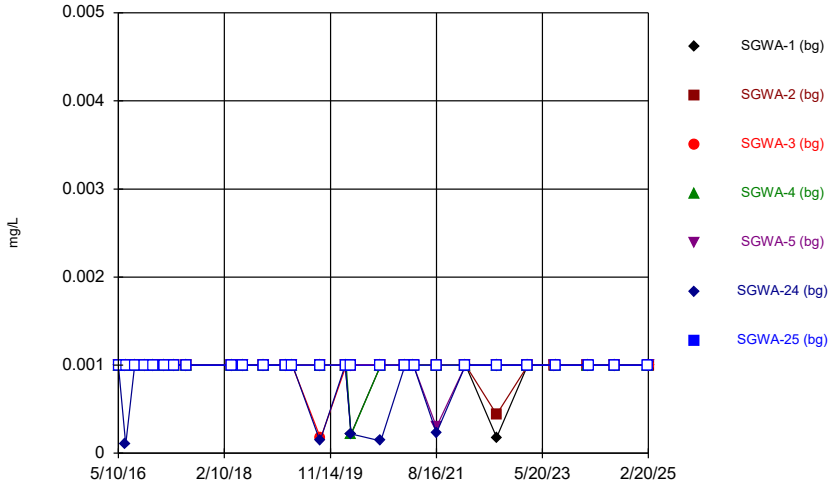
Time Series



Constituent: Fluoride Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

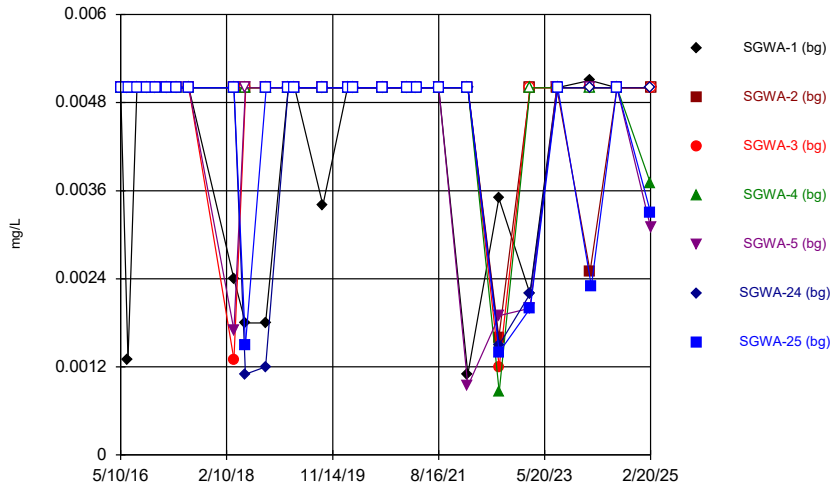
Time Series



Constituent: Lead Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

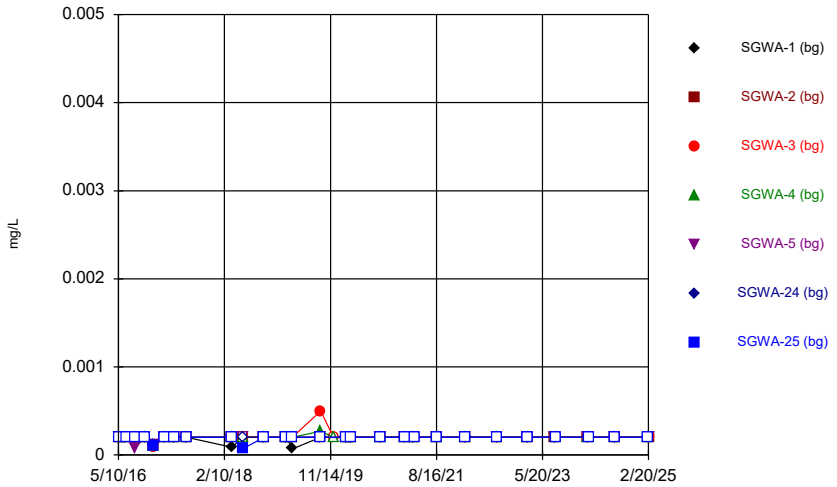
Time Series



Constituent: Lithium Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

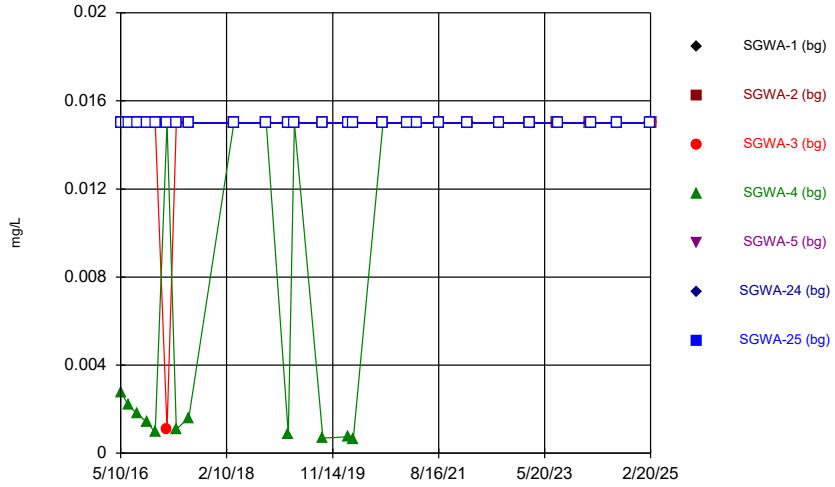
Time Series



Constituent: Mercury Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

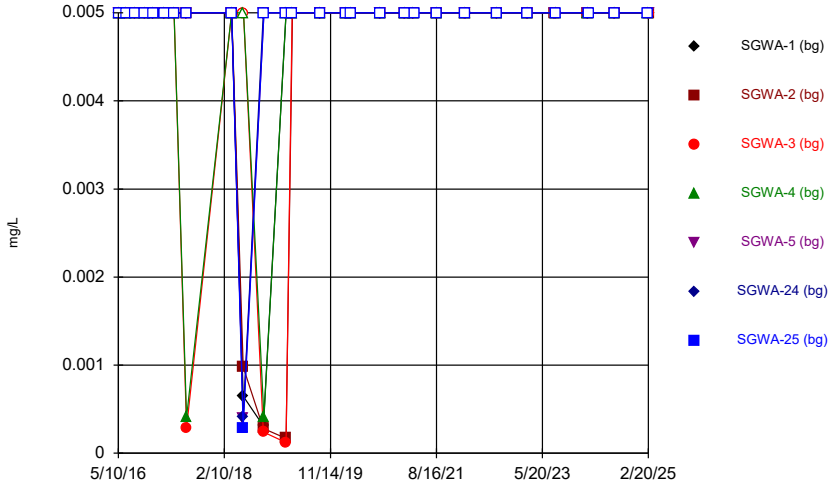
Time Series



Constituent: Molybdenum Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

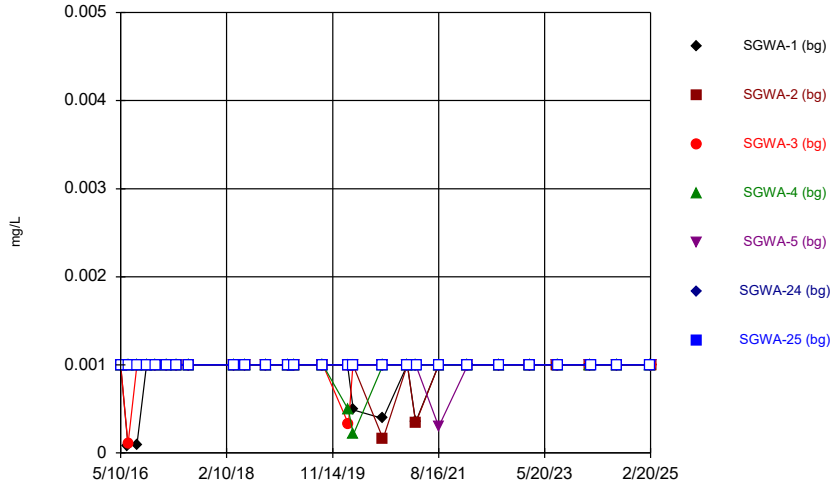
Time Series



Constituent: Selenium Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

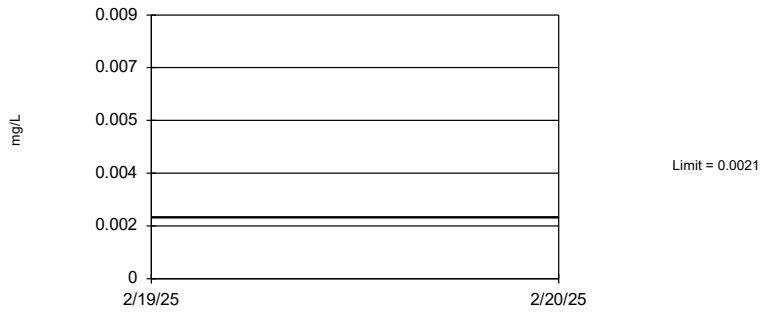


Constituent: Thallium Analysis Run 5/8/2025 5:24 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



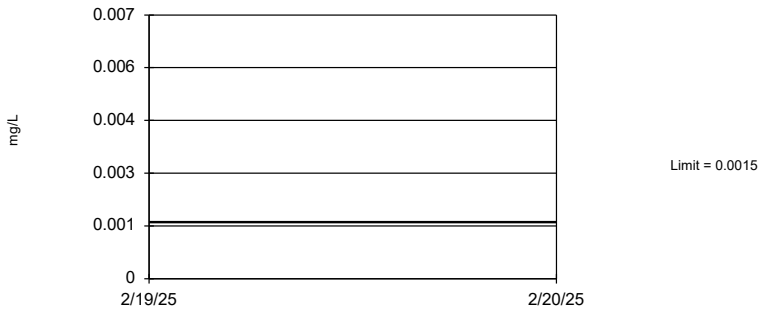
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 154 background values. 95.45% NDs. 97.07% coverage at alpha=0.01; 98.24% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.0003711.

Constituent: Antimony Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



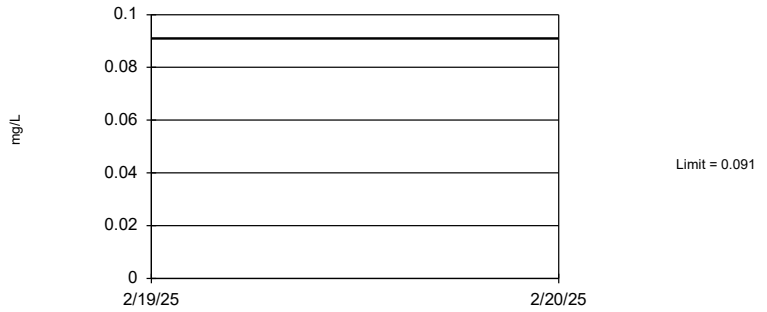
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 189 background values. 88.36% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Arsenic Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



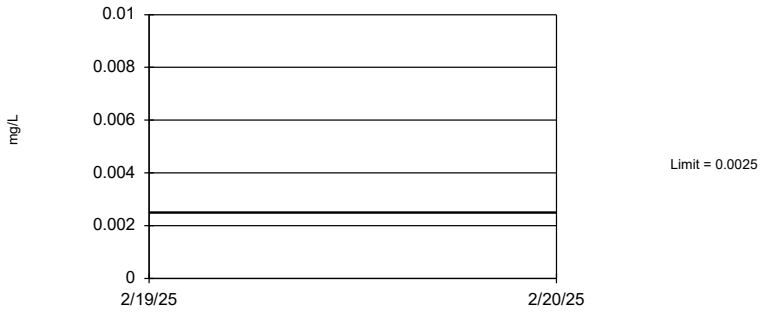
Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 189 background values. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Barium Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



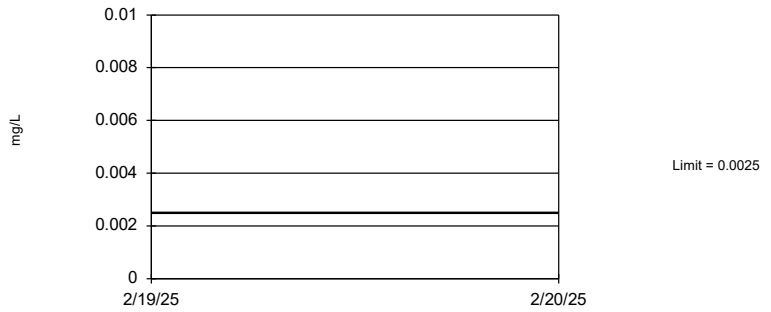
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 189 background values. 92.59% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Beryllium Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



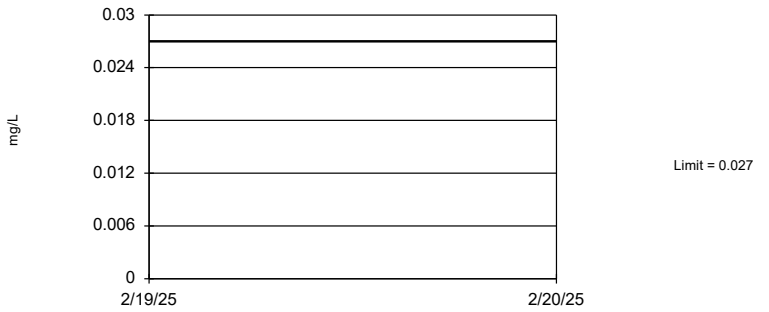
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 182 background values. 98.9% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Cadmium Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



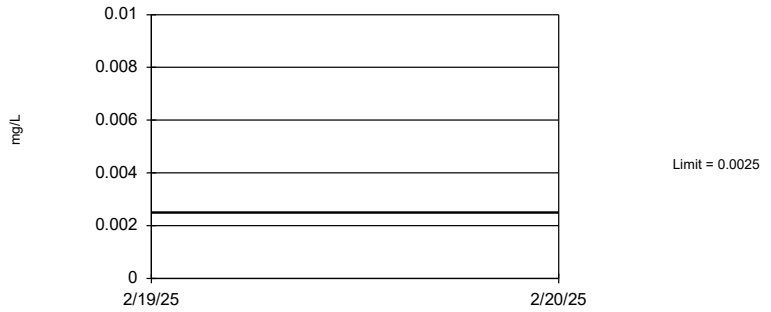
Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 196 background values. 24.49% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Chromium Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



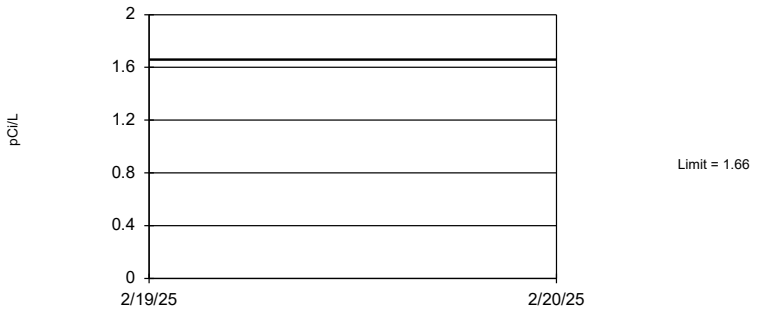
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 163 background values. 77.3% NDs. 97.07% coverage at alpha=0.01; 98.24% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.0002339.

Constituent: Cobalt Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



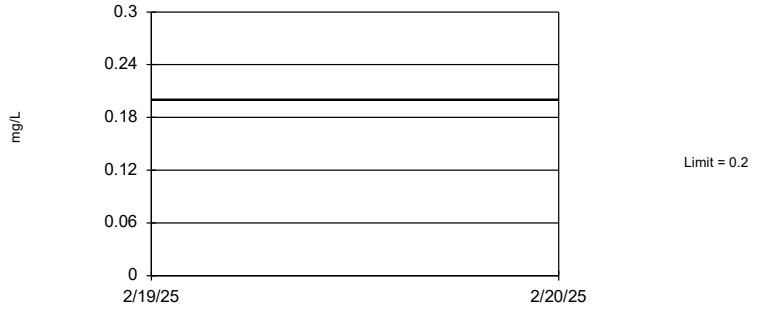
Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 189 background values. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Combined Radium 226 + 228 Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 195 background values. 57.95% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Fluoride Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



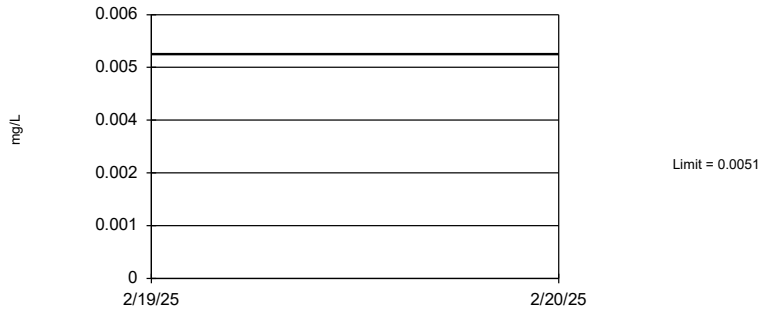
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 189 background values. 94.18% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Lead Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



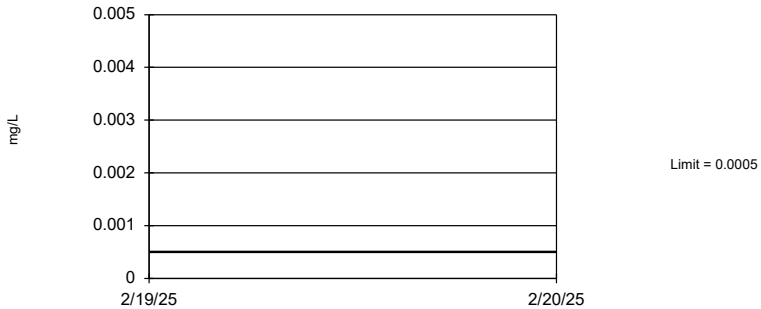
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 189 background values. 84.66% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Lithium Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

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Tolerance Limit

Interwell Non-parametric



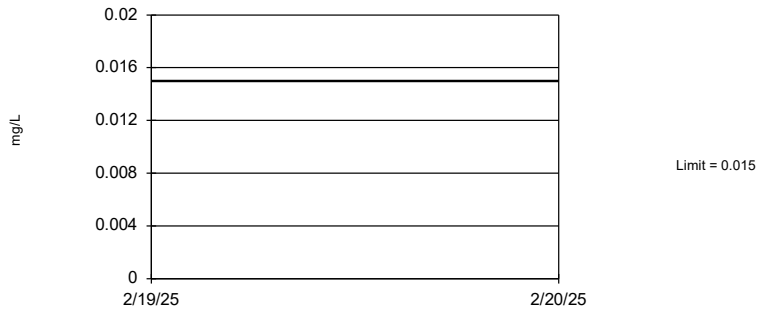
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 191 background values. 93.19% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Mercury Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

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Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 182 background values. 93.41% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Molybdenum Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

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Tolerance Limit

Interwell Non-parametric



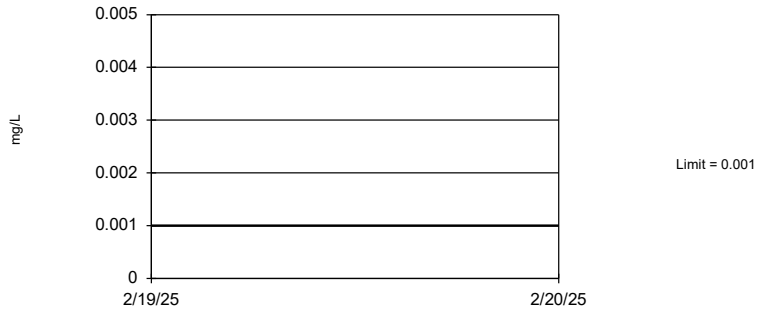
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 189 background values. 93.12% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Selenium Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

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Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 189 background values. 93.65% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Thallium Analysis Run 5/8/2025 5:25 PM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

FIGURE H.

SCHERER ASH POND GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background Limit**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0021	0.006
Arsenic, Total (mg/L)	0.01		0.0015	0.01
Barium, Total (mg/L)	2		0.091	2
Beryllium, Total (mg/L)	0.004		0.0025	0.004
Cadmium, Total (mg/L)	0.005		0.0025	0.005
Chromium, Total (mg/L)	0.1		0.027	0.1
Cobalt, Total (mg/L)		0.006	0.0025	0.006
Combined Radium, Total (pCi/L)	5		1.66	5
Fluoride, Total (mg/L)	4		0.2	4
Lead, Total (mg/L)		0.015	0.001	0.015
Lithium, Total (mg/L)		0.04	0.0051	0.04
Mercury, Total (mg/L)	0.002		0.0005	0.002
Molybdenum, Total (mg/L)		0.1	0.015	0.1
Selenium, Total (mg/L)	0.05		0.005	0.05
Thallium, Total (mg/L)	0.002		0.001	0.002

Grey cell indicates Background Limit is higher than MCL or CCR-Rule Specified Level

**GWPS = Groundwater Protection Standard*

**MCL = Maximum Contaminant Level*

**CCR = Coal Combustion Residuals*

FIGURE I.

Appendix IV Confidence Intervals - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**SGWC-10**	**0.02975**	**0.02249**	**0.006**	**Yes**	**27**	**0.02612**	**0.007607**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-11**	**0.02648**	**0.02085**	**0.006**	**Yes**	**27**	**0.02367**	**0.005903**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-14**	**0.01095**	**0.007151**	**0.006**	**Yes**	**27**	**0.00905**	**0.003981**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-15**	**0.2731**	**0.2552**	**0.006**	**Yes**	**27**	**0.2641**	**0.01872**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-18**	**0.1383**	**0.09971**	**0.006**	**Yes**	**28**	**0.119**	**0.04127**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-20**	**0.1984**	**0.1464**	**0.006**	**Yes**	**27**	**0.1724**	**0.05452**	**0**	**None**	**No**	**0.01**	**Param.**

Appendix IV Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	SGWC-7	0.002	0.0004	0.006	No	21	0.001924	0.0003491	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-10	0.002	0.0014	0.006	No	21	0.001971	0.0001309	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-13	0.002	0.0004	0.006	No	21	0.001924	0.0003491	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-18	0.002	0.0012	0.006	No	20	0.00196	0.0001789	95	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-19	0.0021	0.002	0.006	No	21	0.002005	0.00002182	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-20	0.002	0.0019	0.006	No	20	0.001995	0.00002236	95	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-21	0.002	0.0019	0.006	No	21	0.001995	0.00002182	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-22	0.0022	0.002	0.006	No	21	0.00201	0.00004364	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-23	0.002	0.00098	0.006	No	21	0.001951	0.0002226	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-13S	0.002	0.00046	0.006	No	7	0.00178	0.0005821	85.71	None	No	0.008	NP (NDs)
Antimony (mg/L)	PZ-17I	0.002	0.00061	0.006	No	7	0.001801	0.0005254	85.71	None	No	0.008	NP (NDs)
Antimony (mg/L)	PZ-40I	0.002	0.00089	0.006	No	7	0.001841	0.0004195	85.71	None	No	0.008	NP (NDs)
Antimony (mg/L)	PZ-42I	0.002	0.0009	0.006	No	7	0.001843	0.0004158	85.71	None	No	0.008	NP (NDs)
Arsenic (mg/L)	SGWC-6	0.001	0.0006	0.01	No	27	0.0009444	0.0001619	88.89	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-7	0.001	0.0009	0.01	No	27	0.0009141	0.0001769	77.78	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-8	0.001	0.001	0.01	No	27	0.0009174	0.0001864	77.78	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-9	0.001	0.0009	0.01	No	27	0.0008993	0.0001979	66.67	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-10	0.001	0.00074	0.01	No	27	0.0009567	0.0001293	88.89	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-11	0.00103	0.001	0.01	No	27	0.001004	0.00008692	66.67	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-12	0.001	0.001	0.01	No	27	0.0009174	0.0002182	66.67	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-13	0.001	0.00088	0.01	No	27	0.0009793	0.0001441	85.19	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-14	0.0012	0.0007	0.01	No	27	0.0009796	0.0001569	81.48	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-15	0.001418	0.0008969	0.01	No	27	0.001323	0.0005914	18.52	Kaplan-Meier	sqrt(x)	0.01	Param.
Arsenic (mg/L)	SGWC-16	0.001	0.00055	0.01	No	27	0.0009415	0.0001722	88.89	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-17	0.001	0.00075	0.01	No	27	0.0009344	0.0001626	77.78	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-18	0.002812	0.001697	0.01	No	28	0.002255	0.001194	3.571	None	No	0.01	Param.
Arsenic (mg/L)	SGWC-19	0.001	0.00068	0.01	No	27	0.0009726	0.00009971	92.59	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-20	0.001	0.00051	0.01	No	27	0.0008593	0.0003362	40.74	None	No	0.01	NP (normality)
Arsenic (mg/L)	SGWC-21	0.001	0.00076	0.01	No	27	0.0009911	0.00004619	96.3	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-22	0.001	0.00089	0.01	No	27	0.0008863	0.0002378	77.78	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-23	0.001	0.00079	0.01	No	27	0.0009778	0.00008386	92.59	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-39S	0.0019	0.00028	0.01	No	8	0.001023	0.000435	75	None	No	0.004	NP (NDs)
Arsenic (mg/L)	PZ-42I	0.001	0.00049	0.01	No	8	0.0009363	0.0001803	87.5	None	No	0.004	NP (NDs)
Arsenic (mg/L)	PZ-69I	0.001	0.00059	0.01	No	7	0.0008614	0.0001786	57.14	None	No	0.008	NP (NDs)
Barium (mg/L)	SGWC-6	0.1217	0.08184	2	No	27	0.1018	0.04181	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-7	0.2833	0.2455	2	No	27	0.2644	0.03964	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-8	0.1843	0.1584	2	No	27	0.1713	0.02713	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-9	0.06263	0.05144	2	No	27	0.05703	0.01173	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-10	0.03381	0.02891	2	No	27	0.03136	0.005133	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-11	0.045	0.038	2	No	27	0.04371	0.008632	0	None	No	0.01	NP (normality)
Barium (mg/L)	SGWC-12	0.05602	0.04387	2	No	27	0.04994	0.01273	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-13	0.03663	0.02986	2	No	27	0.03324	0.007102	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-14	0.05589	0.04713	2	No	27	0.05151	0.009175	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-15	0.03603	0.03016	2	No	27	0.03309	0.006152	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-16	0.03285	0.02265	2	No	27	0.02851	0.01158	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	SGWC-17	0.02465	0.02052	2	No	27	0.02259	0.004338	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-18	0.02107	0.01416	2	No	28	0.0182	0.007827	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	SGWC-19	0.03767	0.03005	2	No	27	0.03386	0.007985	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-20	0.03051	0.0236	2	No	27	0.02741	0.007686	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	SGWC-21	0.12	0.092	2	No	27	0.1034	0.01406	0	None	No	0.01	NP (normality)
Barium (mg/L)	SGWC-22	0.08756	0.07867	2	No	27	0.08311	0.009323	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-23	0.085	0.06	2	No	27	0.07228	0.01372	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-13S	0.04993	0.04236	2	No	7	0.04614	0.003185	0	None	No	0.01	Param.
Barium (mg/L)	PZ-14S	0.03683	0.03229	2	No	9	0.03456	0.002351	0	None	No	0.01	Param.
Barium (mg/L)	PZ-17I	0.06477	0.05523	2	No	8	0.06	0.004504	0	None	No	0.01	Param.
Barium (mg/L)	PZ-39S	0.0445	0.03421	2	No	8	0.03875	0.007924	0	None	x^4	0.01	Param.
Barium (mg/L)	PZ-40I	0.089	0.033	2	No	8	0.04563	0.01888	0	None	No	0.004	NP (normality)
Barium (mg/L)	PZ-41S	0.059	0.023	2	No	9	0.02922	0.01149	0	None	No	0.002	NP (normality)
Barium (mg/L)	PZ-42I	0.1	0.047	2	No	8	0.05725	0.01746	0	None	No	0.004	NP (normality)
Barium (mg/L)	PZ-43S	0.12	0.07	2	No	8	0.0805	0.01663	0	None	No	0.004	NP (normality)

Appendix IV Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	PZ-44I	0.014	0.0078	2	No	8	0.009475	0.002025	0	None	No	0.004	NP (normality)
Barium (mg/L)	PZ-69I	0.1939	0.1376	2	No	7	0.1657	0.0237	0	None	No	0.01	Param.
Beryllium (mg/L)	SGWC-6	0.0025	0.0002	0.004	No	27	0.002415	0.0004426	96.3	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-7	0.0025	0.00033	0.004	No	27	0.00242	0.0004176	96.3	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-8	0.0025	0.0003	0.004	No	27	0.002333	0.000602	92.59	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-10	0.0025	0.00026	0.004	No	27	0.002417	0.0004311	96.3	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-14	0.0025	0.00053	0.004	No	27	0.002342	0.0005716	92.59	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-15	0.00052	0.00038	0.004	No	27	0.0005163	0.0002731	11.11	None	No	0.01	NP (normality)
Beryllium (mg/L)	SGWC-17	0.0025	0.00028	0.004	No	27	0.002418	0.0004272	96.3	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-18	0.0025	0.00035	0.004	No	28	0.00157	0.001094	57.14	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-19	0.0025	0.00022	0.004	No	27	0.001986	0.0009794	77.78	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-20	0.0008241	0.0006656	0.004	No	27	0.0007449	0.0001661	0	None	No	0.01	Param.
Beryllium (mg/L)	SGWC-22	0.0025	0.00033	0.004	No	27	0.00242	0.0004176	96.3	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-6	0.0025	0.00022	0.005	No	26	0.002412	0.0004471	96.15	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-8	0.0025	0.00031	0.005	No	26	0.002416	0.0004295	96.15	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-11	0.0025	0.00022	0.005	No	26	0.002412	0.0004471	96.15	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-14	0.0025	0.00057	0.005	No	26	0.002058	0.0009276	80.77	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-15	0.00047	0.00027	0.005	No	26	0.0009906	0.001028	30.77	None	No	0.01	NP (normality)
Cadmium (mg/L)	SGWC-18	0.0025	0.00032	0.005	No	26	0.001717	0.001099	65.38	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-19	0.0025	0.00036	0.005	No	26	0.002325	0.000618	92.31	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-20	0.0025	0.00015	0.005	No	26	0.002041	0.0009584	80.77	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-21	0.0025	0.00039	0.005	No	26	0.002419	0.0004138	96.15	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-7	0.002	0.002	0.1	No	27	0.002	0.0001664	88.89	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-8	0.0023	0.0016	0.1	No	27	0.004107	0.01021	48.15	None	No	0.01	NP (normality)
Chromium (mg/L)	SGWC-9	0.0039	0.0017	0.1	No	27	0.002059	0.0003724	92.59	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-10	0.002	0.0012	0.1	No	27	0.00197	0.000154	96.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-12	0.0023	0.002	0.1	No	27	0.002011	0.00005774	96.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-13	0.002	0.0017	0.1	No	27	0.001989	0.00005774	96.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-14	0.002	0.0016	0.1	No	27	0.001993	0.000998	62.96	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-15	0.03472	0.03257	0.1	No	27	0.03364	0.002252	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-16	0.01225	0.01041	0.1	No	27	0.01133	0.001929	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-17	0.007298	0.004902	0.1	No	27	0.0061	0.002511	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-18	0.009957	0.007939	0.1	No	28	0.009161	0.002491	0	None	ln(x)	0.01	Param.
Chromium (mg/L)	SGWC-19	0.0157	0.01439	0.1	No	27	0.01504	0.00137	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-20	0.0022	0.0016	0.1	No	27	0.001915	0.0003022	77.78	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-21	0.002	0.002	0.1	No	27	0.00193	0.0002072	77.78	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-22	0.0022	0.0015	0.1	No	27	0.001889	0.0004526	59.26	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-23	0.001813	0.00136	0.1	No	27	0.001889	0.0004309	33.33	Kaplan-Meier	No	0.01	Param.
Chromium (mg/L)	PZ-13S	0.00419	0.002467	0.1	No	7	0.003329	0.0007251	0	None	No	0.01	Param.
Chromium (mg/L)	PZ-14S	0.002604	0.001752	0.1	No	9	0.002178	0.000441	0	None	No	0.01	Param.
Chromium (mg/L)	PZ-17I	0.004322	0.002803	0.1	No	8	0.003563	0.000717	0	None	No	0.01	Param.
Chromium (mg/L)	PZ-39S	0.03004	0.01138	0.1	No	8	0.02071	0.008801	0	None	No	0.01	Param.
Chromium (mg/L)	PZ-41S	0.0059	0.00125	0.1	No	9	0.005128	0.001493	11.11	None	No	0.002	NP (normality)
Chromium (mg/L)	PZ-42I	0.003	0.0012	0.1	No	8	0.002025	0.0004833	75	None	No	0.004	NP (NDs)
Chromium (mg/L)	PZ-43S	0.002	0.0012	0.1	No	8	0.0019	0.0002828	50	None	No	0.004	NP (normality)
Chromium (mg/L)	PZ-44I	0.0046	0.0013	0.1	No	8	0.002238	0.0009855	75	None	No	0.004	NP (NDs)
Cobalt (mg/L)	SGWC-6	0.0025	0.0016	0.006	No	27	0.002046	0.001083	48.15	None	No	0.01	NP (normality)
Cobalt (mg/L)	SGWC-7	0.008606	0.003681	0.006	No	27	0.006144	0.005163	0	None	No	0.01	Param.
Cobalt (mg/L)	SGWC-8	0.0025	0.0012	0.006	No	27	0.001977	0.0009328	70.37	None	No	0.01	NP (NDs)
Cobalt (mg/L)	SGWC-9	0.013	0.00072	0.006	No	27	0.007037	0.006034	0	None	No	0.01	NP (normality)
Cobalt (mg/L)	**SGWC-10**	**0.02975**	**0.02249**	**0.006**	**Yes**	**27**	**0.02612**	**0.007607**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-11**	**0.02648**	**0.02085**	**0.006**	**Yes**	**27**	**0.02367**	**0.005903**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-12	0.003441	0.002142	0.006	No	27	0.002791	0.001362	0	None	No	0.01	Param.
Cobalt (mg/L)	SGWC-13	0.0073	0.0019	0.006	No	27	0.004444	0.003599	0	None	No	0.01	NP (normality)
Cobalt (mg/L)	**SGWC-14**	**0.01095**	**0.007151**	**0.006**	**Yes**	**27**	**0.00905**	**0.003981**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-15**	**0.2731**	**0.2552**	**0.006**	**Yes**	**27**	**0.2641**	**0.01872**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-16	0.005219	0.003843	0.006	No	27	0.004616	0.001552	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	SGWC-17	0.0007	0.00043	0.006	No	27	0.0006174	0.0003008	14.81	None	No	0.01	NP (normality)
Cobalt (mg/L)	**SGWC-18**	**0.1383**	**0.09971**	**0.006**	**Yes**	**28**	**0.119**	**0.04127**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-19	0.0025	0.00049	0.006	No	27	0.001653	0.001058	59.26	None	No	0.01	NP (NDs)

Appendix IV Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**SGWC-20**	**0.1984**	**0.1464**	**0.006**	**Yes**	**27**	**0.1724**	**0.05452**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-21	0.0025	0.00017	0.006	No	27	0.001804	0.001093	70.37	None	No	0.01	NP (NDs)
Cobalt (mg/L)	SGWC-22	0.002666	0.001431	0.006	No	27	0.002203	0.001448	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	SGWC-23	0.0025	0.00013	0.006	No	27	0.002412	0.0004561	96.3	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-13S	0.006288	0.004752	0.006	No	10	0.00552	0.0008613	0	None	No	0.01	Param.
Cobalt (mg/L)	PZ-14S	0.0025	0.00019	0.006	No	11	0.0006891	0.0008994	18.18	None	No	0.006	NP (normality)
Cobalt (mg/L)	PZ-39S	0.0025	0.00028	0.006	No	10	0.001415	0.001146	50	None	No	0.011	NP (normality)
Cobalt (mg/L)	PZ-40I	0.003835	0.0008346	0.006	No	8	0.002348	0.002243	0	None	ln(x)	0.01	Param.
Cobalt (mg/L)	PZ-41S	0.002096	0.0003762	0.006	No	11	0.001616	0.002558	9.091	None	ln(x)	0.01	Param.
Cobalt (mg/L)	PZ-42I	0.002213	0.0002301	0.006	No	8	0.001349	0.002078	12.5	None	ln(x)	0.01	Param.
Cobalt (mg/L)	PZ-43S	0.0025	0.00097	0.006	No	10	0.002732	0.002213	70	None	No	0.011	NP (NDs)
Cobalt (mg/L)	PZ-44I	0.00246	0.00154	0.006	No	8	0.002	0.0004342	0	None	No	0.01	Param.
Cobalt (mg/L)	PZ-69I	0.00319	0.001582	0.006	No	7	0.002386	0.0006768	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-6	0.3692	0.1624	5	No	27	0.2658	0.2168	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-7	0.4923	0.2802	5	No	27	0.3863	0.2224	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-8	2.378	1.837	5	No	27	2.108	0.5677	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-9	0.3622	0.1554	5	No	27	0.2588	0.2167	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-10	0.47	0.102	5	No	27	0.3223	0.3372	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-11	0.508	0.1896	5	No	27	0.3488	0.3338	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-12	0.4349	0.1765	5	No	27	0.3057	0.2708	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-13	0.4293	0.2022	5	No	27	0.3157	0.238	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-14	0.3383	0.09009	5	No	27	0.2142	0.2601	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-15	0.4903	0.2877	5	No	27	0.389	0.2124	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-16	0.3383	0.1269	5	No	27	0.2326	0.2215	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-17	0.3762	0.1905	5	No	27	0.2833	0.1946	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-18	0.433	0.139	5	No	28	0.3213	0.3402	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-19	0.419	0.114	5	No	27	0.2724	0.3349	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-20	0.513	0.2486	5	No	27	0.3808	0.2772	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-21	0.593	0.239	5	No	27	0.5284	0.4825	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-22	0.4434	0.1654	5	No	27	0.3587	0.3835	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-23	0.5986	0.3623	5	No	27	0.4805	0.2476	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-13S	0.2311	-0.0771	5	No	7	0.077	0.1297	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-14S	0.4233	0.1213	5	No	9	0.2723	0.1564	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-17I	1.972	-0.001201	5	No	9	0.89	1.865	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-39S	0.535	-0.002713	5	No	8	0.2662	0.2537	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-40I	1.477	0.1771	5	No	8	0.8269	0.613	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-41S	0.4964	-0.06232	5	No	9	0.217	0.2893	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-42I	0.8268	0.1377	5	No	8	0.4663	0.3925	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-43S	0.9349	0.07654	5	No	8	0.4794	0.506	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-44I	1.026	-0.001786	5	No	8	0.3456	0.4649	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-69I	0.8086	0.07166	5	No	7	0.4401	0.3102	0	None	No	0.01	Param.
Fluoride (mg/L)	SGWC-6	0.1219	0.09328	4	No	28	0.1398	0.04474	17.86	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	SGWC-7	0.2239	0.1779	4	No	28	0.2009	0.04929	3.571	None	No	0.01	Param.
Fluoride (mg/L)	SGWC-8	0.5239	0.372	4	No	28	0.459	0.1766	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	SGWC-9	0.09532	0.05954	4	No	28	0.1445	0.0963	42.86	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	SGWC-10	0.2	0.047	4	No	28	0.1704	0.06474	82.14	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-11	0.2	0.08	4	No	28	0.1739	0.05762	82.14	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-12	0.08978	0.06377	4	No	28	0.1133	0.05816	25	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	SGWC-13	0.2	0.077	4	No	28	0.1542	0.07077	67.86	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-14	0.2	0.068	4	No	28	0.1535	0.07513	71.43	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-15	0.14	0.11	4	No	28	0.1332	0.0497	10.71	None	No	0.01	NP (normality)
Fluoride (mg/L)	SGWC-16	0.2	0.09	4	No	28	0.1609	0.06992	75	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-17	0.2	0.058	4	No	28	0.1226	0.07246	42.86	None	No	0.01	NP (normality)
Fluoride (mg/L)	SGWC-18	0.2	0.099	4	No	29	0.1528	0.06689	62.07	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-19	0.2	0.18	4	No	28	0.1763	0.05749	82.14	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-20	0.2371	0.1664	4	No	28	0.2018	0.07564	10.71	None	No	0.01	Param.
Fluoride (mg/L)	SGWC-21	0.2	0.079	4	No	28	0.1278	0.0585	35.71	None	No	0.01	NP (normality)
Fluoride (mg/L)	SGWC-22	0.2	0.1	4	No	28	0.1573	0.06995	71.43	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-23	0.2	0.052	4	No	28	0.1173	0.06999	39.29	None	No	0.01	NP (normality)
Fluoride (mg/L)	PZ-13S	0.2	0.042	4	No	7	0.1587	0.07094	71.43	None	No	0.008	NP (NDs)

Appendix IV Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	PZ-14S	0.2	0.029	4	No	9	0.1636	0.0724	77.78	None	No	0.002	NP (NDs)
Fluoride (mg/L)	PZ-17I	0.2	0.028	4	No	8	0.1219	0.08382	50	None	No	0.004	NP (normality)
Fluoride (mg/L)	PZ-39S	0.2	0.04	4	No	8	0.129	0.07721	50	None	No	0.004	NP (normality)
Fluoride (mg/L)	PZ-40I	0.2	0.036	4	No	8	0.1604	0.07343	75	None	No	0.004	NP (NDs)
Fluoride (mg/L)	PZ-41S	0.2	0.035	4	No	9	0.1661	0.06754	77.78	None	No	0.002	NP (NDs)
Fluoride (mg/L)	PZ-42I	0.07964	0.03768	4	No	8	0.1114	0.07525	37.5	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	PZ-43S	0.2	0.028	4	No	8	0.1384	0.08514	62.5	Kaplan-Meier	No	0.004	NP (NDs)
Fluoride (mg/L)	PZ-44I	0.2	0.031	4	No	8	0.1581	0.07754	75	Kaplan-Meier	No	0.004	NP (NDs)
Fluoride (mg/L)	PZ-69I	0.21	0.083	4	No	7	0.1614	0.05574	42.86	None	No	0.008	NP (normality)
Lead (mg/L)	SGWC-6	0.001	0.00054	0.015	No	27	0.0009533	0.0001746	92.59	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-7	0.001	0.00085	0.015	No	27	0.0009311	0.0002284	88.89	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-8	0.001	0.00062	0.015	No	27	0.0009596	0.0001525	92.59	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-10	0.001	0.00014	0.015	No	27	0.0009037	0.0002776	88.89	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-12	0.001	0.0002	0.015	No	27	0.0009704	0.000154	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-13	0.001	0.00039	0.015	No	27	0.0009544	0.0001641	92.59	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-14	0.001	0.00066	0.015	No	27	0.0009296	0.0002154	88.89	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-15	0.001	0.00023	0.015	No	27	0.0009715	0.0001482	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-16	0.001	0.00013	0.015	No	27	0.0009678	0.0001674	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-17	0.001	0.00017	0.015	No	27	0.0009693	0.0001597	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-18	0.001	0.00071	0.015	No	28	0.0009643	0.000143	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-19	0.001	0.00033	0.015	No	27	0.0009752	0.0001289	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-20	0.001	0.00027	0.015	No	27	0.000657	0.0003682	51.85	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-21	0.001	0.00041	0.015	No	27	0.0009622	0.0008186	74.07	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-22	0.001	0.00019	0.015	No	27	0.0008463	0.0003286	81.48	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-23	0.001	0.00009	0.015	No	27	0.0009663	0.0001751	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-13S	0.001	0.00069	0.015	No	7	0.0009557	0.0001172	85.71	None	No	0.008	NP (NDs)
Lead (mg/L)	PZ-42I	0.001	0.00019	0.015	No	8	0.0008988	0.0002864	87.5	None	No	0.004	NP (NDs)
Lithium (mg/L)	SGWC-6	0.005	0.0046	0.04	No	27	0.004711	0.0008746	85.19	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-7	0.005198	0.004061	0.04	No	27	0.00463	0.001192	3.704	None	No	0.01	Param.
Lithium (mg/L)	SGWC-8	0.005	0.0023	0.04	No	27	0.00407	0.001477	70.37	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-9	0.005	0.0014	0.04	No	27	0.004867	0.0006928	96.3	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-10	0.005	0.0011	0.04	No	27	0.004856	0.0007506	96.3	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-11	0.005	0.0031	0.04	No	27	0.004144	0.001332	59.26	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-12	0.005	0.0012	0.04	No	27	0.004715	0.001028	92.59	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-13	0.005	0.0026	0.04	No	27	0.004544	0.00114	85.19	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-14	0.005	0.0035	0.04	No	27	0.004563	0.001126	85.19	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-15	0.005	0.0034	0.04	No	27	0.004126	0.000969	48.15	None	No	0.01	NP (normality)
Lithium (mg/L)	SGWC-16	0.005	0.0038	0.04	No	27	0.004685	0.0009894	88.89	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-17	0.005	0.0014	0.04	No	27	0.004867	0.0006928	96.3	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-18	0.00465	0.003707	0.04	No	28	0.004629	0.0009083	25	Kaplan-Meier	No	0.01	Param.
Lithium (mg/L)	SGWC-19	0.0072	0.0027	0.04	No	27	0.005293	0.003233	70.37	Kaplan-Meier	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-20	0.004603	0.003523	0.04	No	27	0.004063	0.001133	14.81	None	No	0.01	Param.
Lithium (mg/L)	SGWC-21	0.005	0.0038	0.04	No	27	0.004411	0.001221	77.78	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-22	0.005	0.0033	0.04	No	27	0.004436	0.00127	81.48	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-23	0.005	0.0034	0.04	No	27	0.004144	0.0009846	40.74	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-13S	0.005	0.0023	0.04	No	7	0.004014	0.001267	57.14	None	No	0.008	NP (NDs)
Lithium (mg/L)	PZ-14S	0.005	0.0015	0.04	No	11	0.0039	0.0016	63.64	None	No	0.006	NP (NDs)
Lithium (mg/L)	PZ-17I	0.005	0.0016	0.04	No	8	0.004162	0.001551	75	None	No	0.004	NP (NDs)
Lithium (mg/L)	PZ-39S	0.01448	0.002234	0.04	No	8	0.008062	0.006614	12.5	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	PZ-40I	0.01349	0.008107	0.04	No	8	0.0108	0.002541	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-41S	0.0057	0.00099	0.04	No	9	0.004399	0.001489	66.67	None	No	0.002	NP (NDs)
Lithium (mg/L)	PZ-42I	0.028	0.0025	0.04	No	8	0.007187	0.008518	12.5	None	No	0.004	NP (normality)
Lithium (mg/L)	PZ-43S	0.004556	0.002344	0.04	No	8	0.003837	0.001203	25	Kaplan-Meier	No	0.01	Param.
Lithium (mg/L)	PZ-44I	0.03617	0.008255	0.04	No	12	0.02342	0.02114	8.333	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	PZ-69I	0.005	0.0025	0.04	No	7	0.003929	0.0012	42.86	None	No	0.008	NP (normality)
Mercury (mg/L)	SGWC-6	0.0002	0.00011	0.002	No	27	0.0001967	0.00001732	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-7	0.0002	0.00011	0.002	No	27	0.0001967	0.00001732	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-8	0.0002	0.000076	0.002	No	27	0.0001954	0.00002386	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-9	0.0002	0.0001	0.002	No	27	0.0001963	0.00001925	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-10	0.0002	0.00013	0.002	No	27	0.0001974	0.00001347	96.3	None	No	0.01	NP (NDs)

Appendix IV Confidence Intervals - All Results

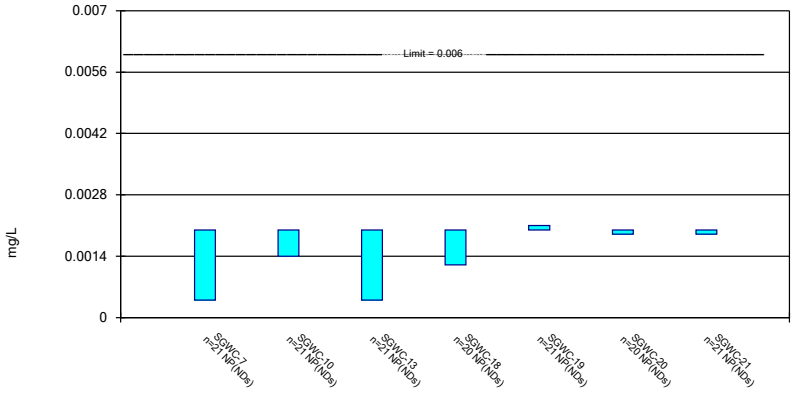
Plant Scherer Client: Southern Company Data: Scherer AP Printed 5/8/2025, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	SGWC-11	0.0002	0.0001	0.002	No	27	0.0001963	0.00001925	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-12	0.0002	0.000093	0.002	No	27	0.000196	0.00002059	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-13	0.0002	0.00011	0.002	No	27	0.0001967	0.00001732	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-14	0.0002	0.00012	0.002	No	27	0.0001848	0.00003755	81.48	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-15	0.0002	0.00012	0.002	No	27	0.000155	0.00004467	40.74	None	No	0.01	NP (normality)
Mercury (mg/L)	SGWC-16	0.0002	0.000076	0.002	No	27	0.0001954	0.00002386	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-17	0.0002	0.00017	0.002	No	27	0.0001814	0.00003788	77.78	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-18	0.0001824	0.0001241	0.002	No	28	0.0001814	0.00004614	39.29	Kaplan-Meier	x^3	0.01	Param.
Mercury (mg/L)	SGWC-20	0.0002	0.00013	0.002	No	27	0.0001883	0.00003468	88.89	Kaplan-Meier	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-21	0.0002	0.0001	0.002	No	27	0.0001963	0.00001925	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-22	0.0002	0.000099	0.002	No	27	0.0001963	0.00001944	96.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-23	0.0002	0.00011	0.002	No	27	0.0001915	0.00003788	85.19	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-13S	0.0004163	0.00009181	0.002	No	7	0.0002409	0.0002042	0	None	ln(x)	0.01	Param.
Mercury (mg/L)	PZ-44I	0.0002	0.000084	0.002	No	8	0.0001855	0.00004101	87.5	None	No	0.004	NP (NDs)
Molybdenum (mg/L)	SGWC-6	0.015	0.00099	0.1	No	26	0.01391	0.003847	92.31	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-7	0.0033	0.0012	0.1	No	26	0.004209	0.005416	19.23	None	No	0.01	NP (normality)
Molybdenum (mg/L)	SGWC-8	0.015	0.0008	0.1	No	26	0.0139	0.003868	92.31	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-9	0.015	0.001	0.1	No	26	0.01016	0.006788	65.38	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-12	0.015	0.0012	0.1	No	26	0.01393	0.003764	92.31	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-14	0.015	0.003	0.1	No	26	0.01399	0.003572	92.31	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-23	0.015	0.00062	0.1	No	26	0.01445	0.00282	96.15	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-39S	0.0075	0.00087	0.1	No	7	0.001994	0.002431	14.29	None	No	0.008	NP (normality)
Molybdenum (mg/L)	PZ-40I	0.015	0.00079	0.1	No	7	0.01297	0.005371	85.71	None	No	0.008	NP (NDs)
Molybdenum (mg/L)	PZ-42I	0.00859	0.005478	0.1	No	7	0.007	0.001374	0	None	sqrt(x)	0.01	Param.
Molybdenum (mg/L)	PZ-69I	0.015	0.00069	0.1	No	7	0.007043	0.00745	42.86	None	No	0.008	NP (normality)
Selenium (mg/L)	SGWC-6	0.005	0.00057	0.05	No	27	0.00449	0.00147	88.89	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-7	0.005	0.00034	0.05	No	27	0.004827	0.0008968	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-11	0.005	0.00046	0.05	No	27	0.004832	0.0008737	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-12	0.005	0.00031	0.05	No	27	0.004826	0.0009026	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-13	0.005	0.00064	0.05	No	27	0.004664	0.00121	92.59	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-14	0.005	0.00084	0.05	No	27	0.004685	0.001135	92.59	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-15	0.005	0.0021	0.05	No	27	0.0044	0.002423	51.85	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-16	0.005	0.0013	0.05	No	27	0.003718	0.001864	66.67	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-17	0.005	0.00064	0.05	No	27	0.004487	0.001479	88.89	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-18	0.007215	0.003178	0.05	No	28	0.007137	0.007397	10.71	None	ln(x)	0.01	Param.
Selenium (mg/L)	SGWC-19	0.005	0.00099	0.05	No	27	0.004373	0.001534	85.19	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-20	0.005	0.00396	0.05	No	27	0.004054	0.001694	66.67	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-23	0.005	0.00075	0.05	No	27	0.004317	0.001672	85.19	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-17I	0.005	0.00047	0.05	No	8	0.004434	0.001602	87.5	None	No	0.004	NP (NDs)
Selenium (mg/L)	PZ-39S	0.001965	0.00105	0.05	No	8	0.002425	0.001629	25	Kaplan-Meier	ln(x)	0.01	Param.
Selenium (mg/L)	PZ-40I	0.005	0.00059	0.05	No	8	0.004449	0.001559	87.5	Kaplan-Meier	No	0.004	NP (NDs)
Selenium (mg/L)	PZ-41S	0.007043	0.005179	0.05	No	9	0.006111	0.0009649	0	None	No	0.01	Param.
Selenium (mg/L)	PZ-42I	0.005	0.00026	0.05	No	8	0.004407	0.001676	87.5	None	No	0.004	NP (NDs)
Selenium (mg/L)	PZ-44I	0.005	0.00046	0.05	No	8	0.004432	0.001605	87.5	None	No	0.004	NP (NDs)
Thallium (mg/L)	SGWC-6	0.001	0.00049	0.002	No	27	0.0008952	0.0002604	85.19	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-7	0.001	0.00042	0.002	No	27	0.0009496	0.0001836	92.59	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-8	0.001	0.00079	0.002	No	27	0.0009048	0.0002524	85.19	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-9	0.001	0.0004	0.002	No	27	0.0009507	0.0001784	92.59	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-10	0.001	0.00075	0.002	No	27	0.0009293	0.0002249	88.89	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-11	0.001	0.00016	0.002	No	27	0.0009374	0.0002255	92.59	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-12	0.001	0.00034	0.002	No	27	0.000947	0.0001914	92.59	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-13	0.001	0.00022	0.002	No	27	0.0009711	0.0001501	96.3	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-14	0.001	0.00035	0.002	No	27	0.0009185	0.0002492	85.19	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-15	0.001	0.00016	0.002	No	27	0.0006612	0.0004231	59.26	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-17	0.001	0.00024	0.002	No	27	0.0009719	0.0001463	96.3	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-18	0.00068	0.00016	0.002	No	28	0.0004791	0.0003889	32.14	None	No	0.01	NP (normality)
Thallium (mg/L)	SGWC-20	0.00033	0.00017	0.002	No	27	0.0004267	0.000382	29.63	None	No	0.01	NP (normality)
Thallium (mg/L)	SGWC-22	0.001	0.00038	0.002	No	27	0.000977	0.0001193	96.3	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-23	0.001	0.00016	0.002	No	27	0.0009689	0.0001617	96.3	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-41S	0.001	0.00034	0.002	No	9	0.0009267	0.00022	88.89	None	No	0.002	NP (NDs)

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

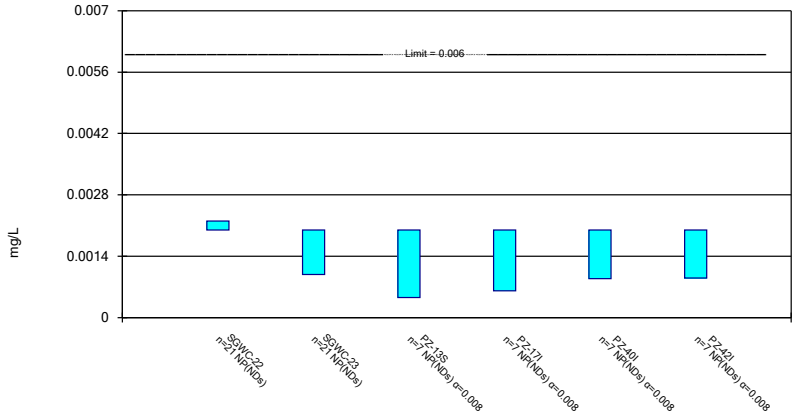


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Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

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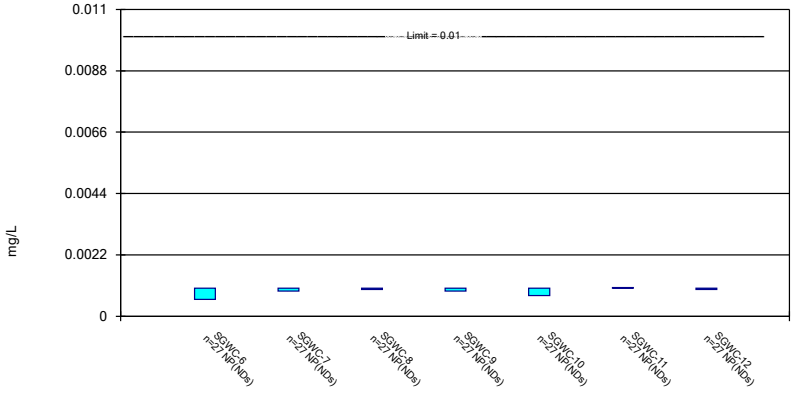


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Non-Parametric Confidence Interval

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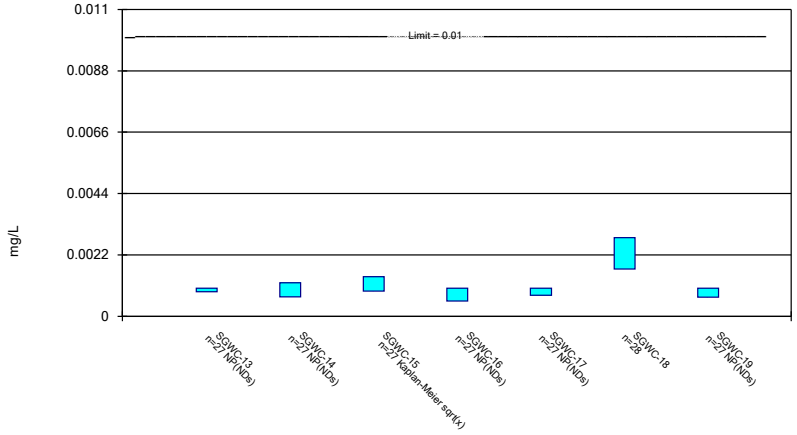


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Parametric and Non-Parametric (NP) Confidence Interval

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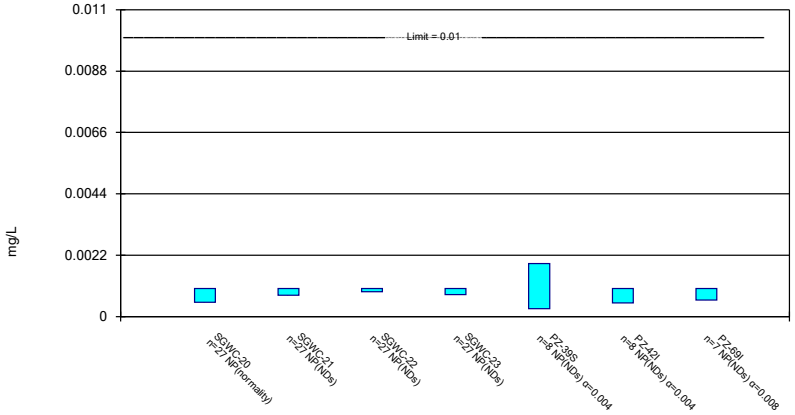


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Non-Parametric Confidence Interval

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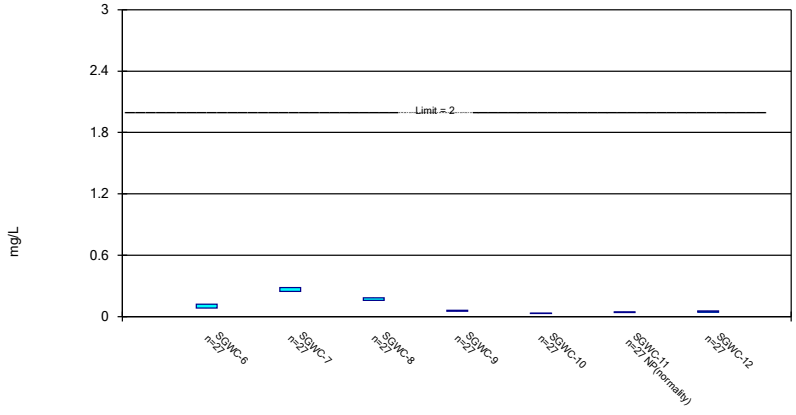


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Parametric and Non-Parametric (NP) Confidence Interval

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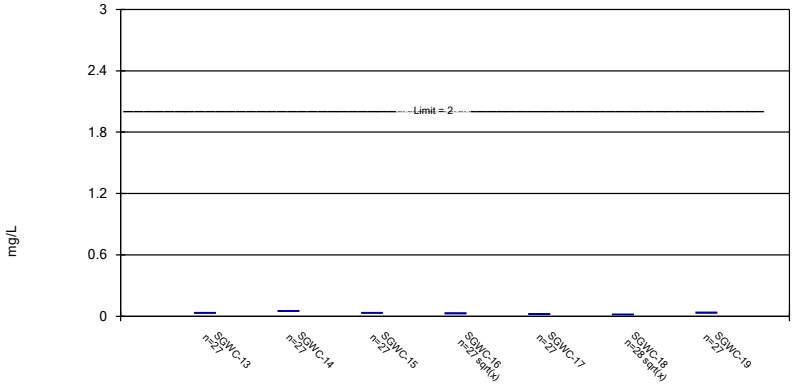


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Parametric Confidence Interval

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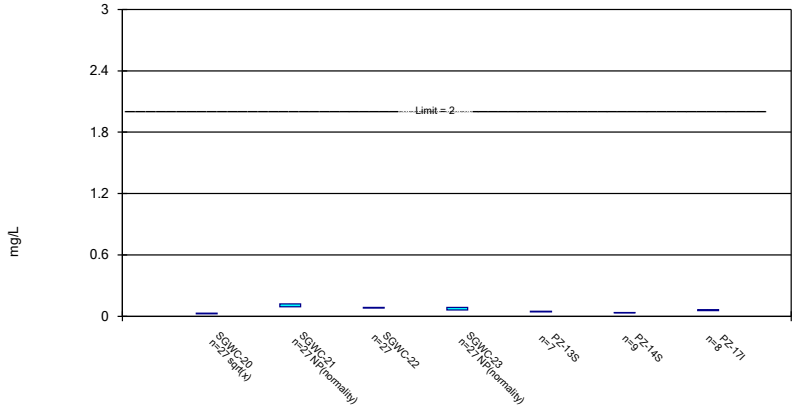


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Parametric and Non-Parametric (NP) Confidence Interval

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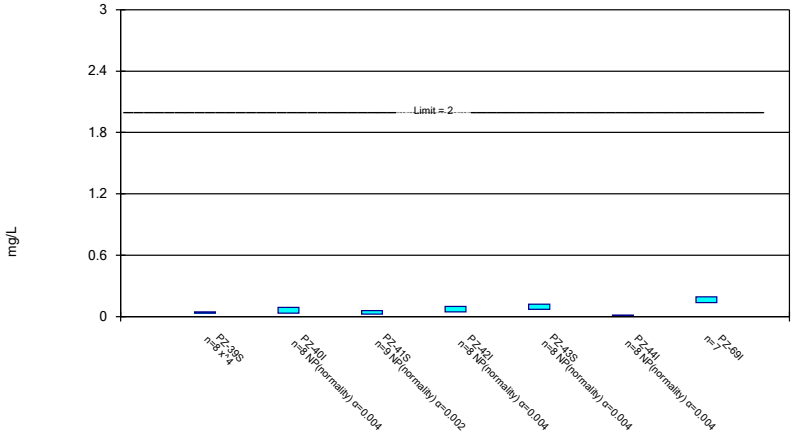


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Parametric and Non-Parametric (NP) Confidence Interval

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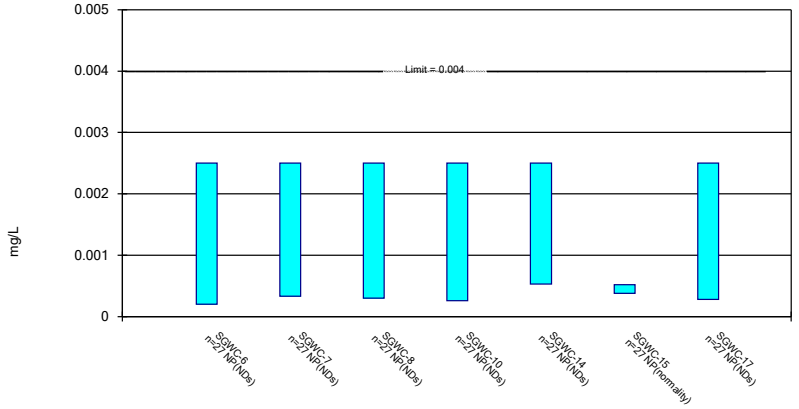


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Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

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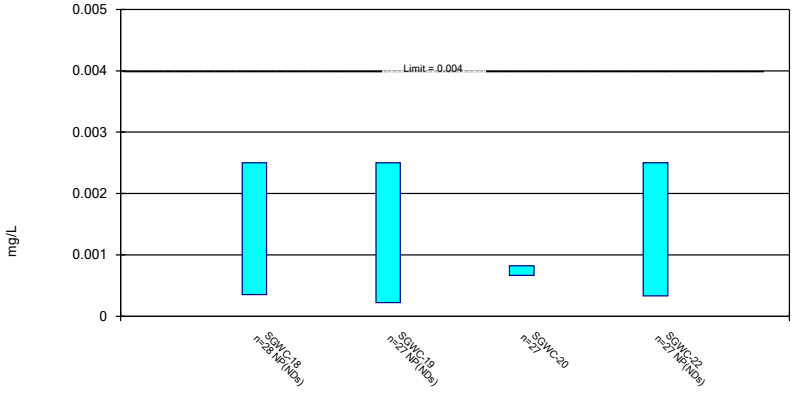


Constituent: Beryllium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

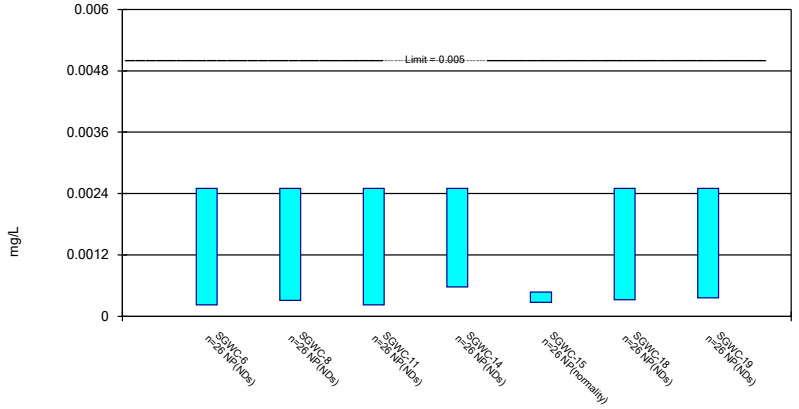


Constituent: Beryllium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

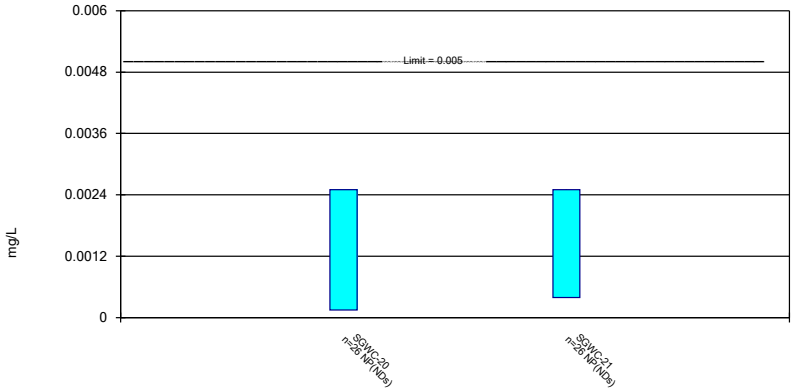


Constituent: Cadmium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

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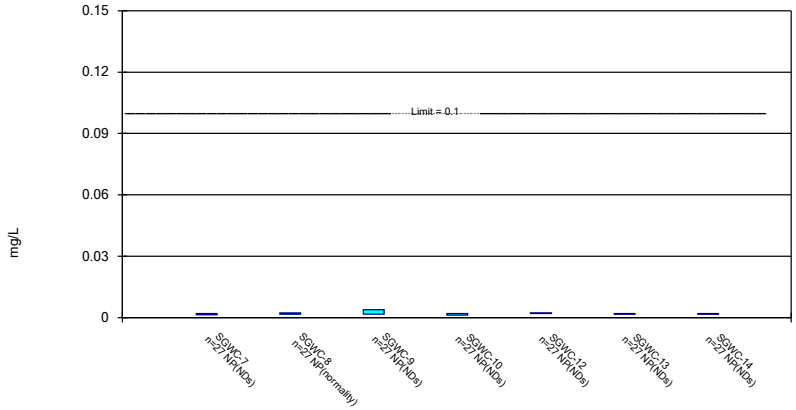


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Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

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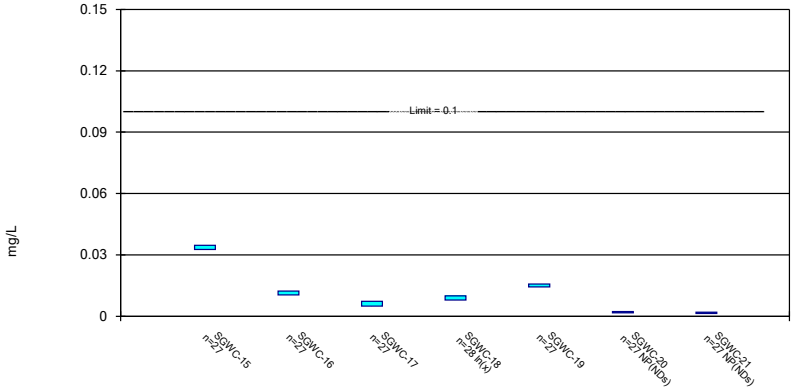


Constituent: Chromium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

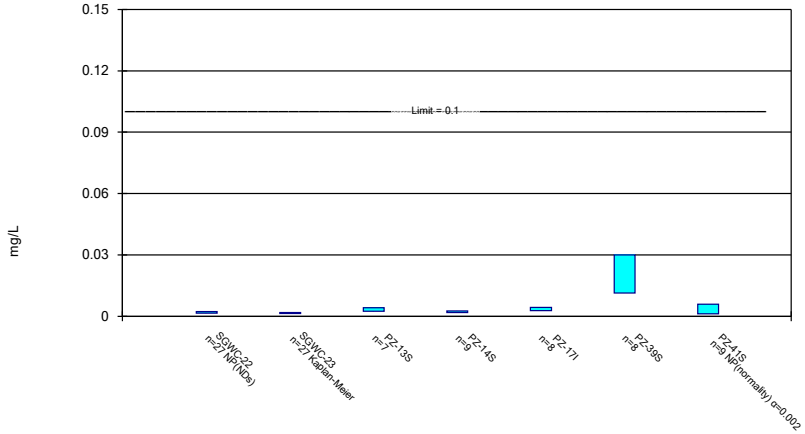


Constituent: Chromium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

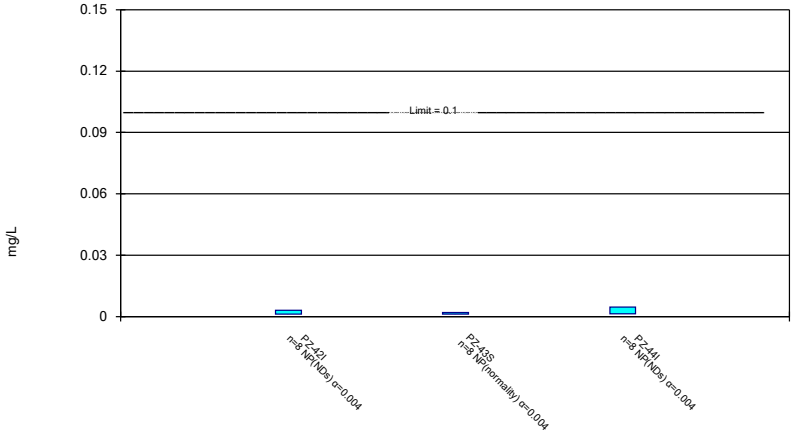


Constituent: Chromium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

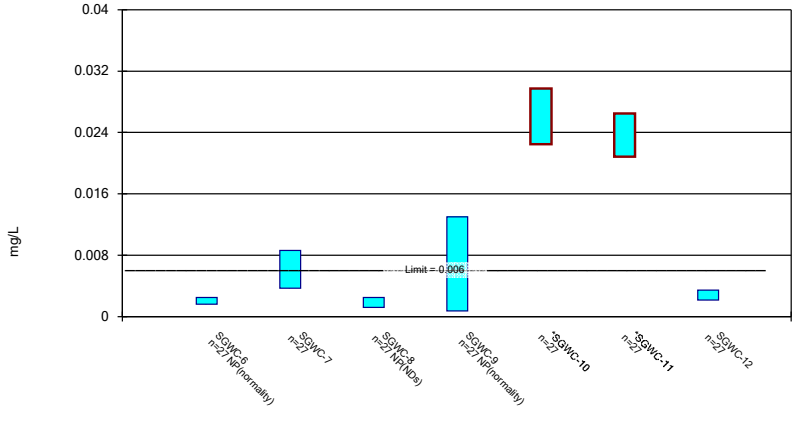


Constituent: Chromium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

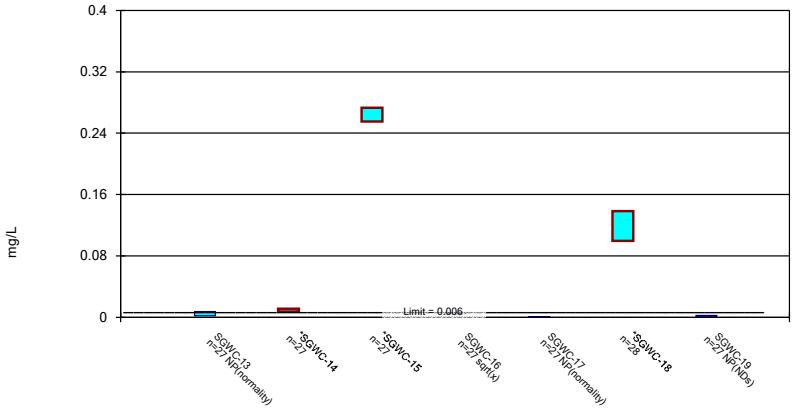


Constituent: Cobalt Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

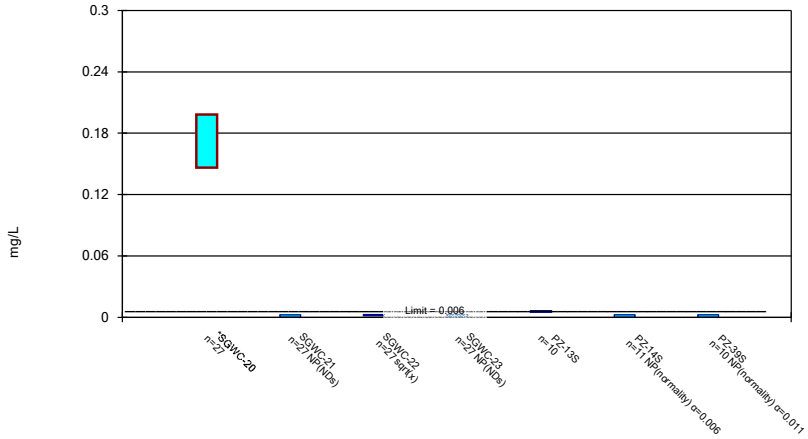


Constituent: Cobalt Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

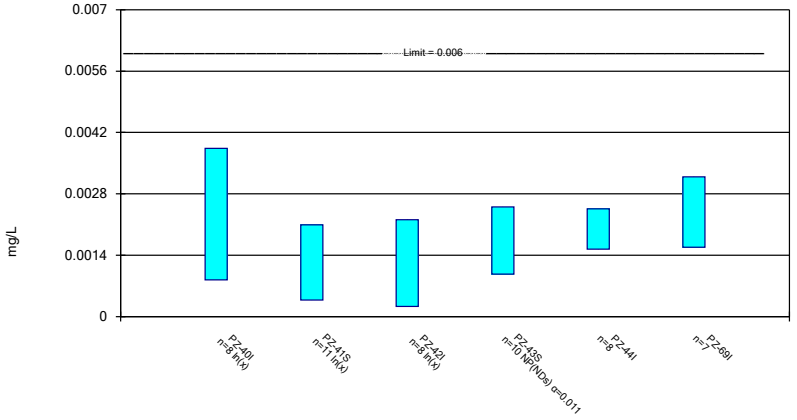


Constituent: Cobalt Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

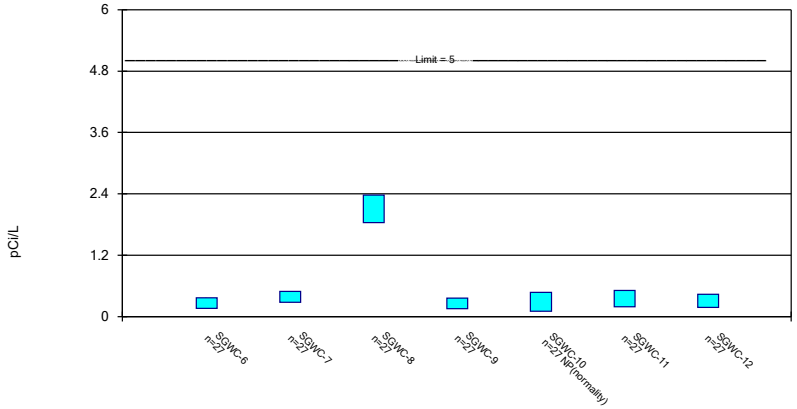


Constituent: Cobalt Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

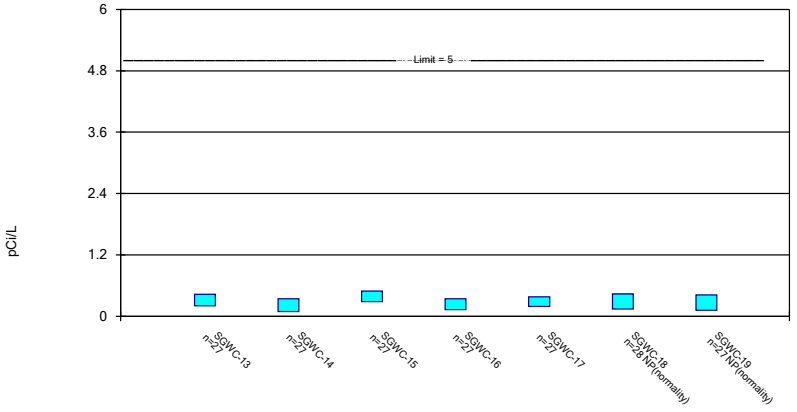


Constituent: Combined Radium 226 + 228 Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

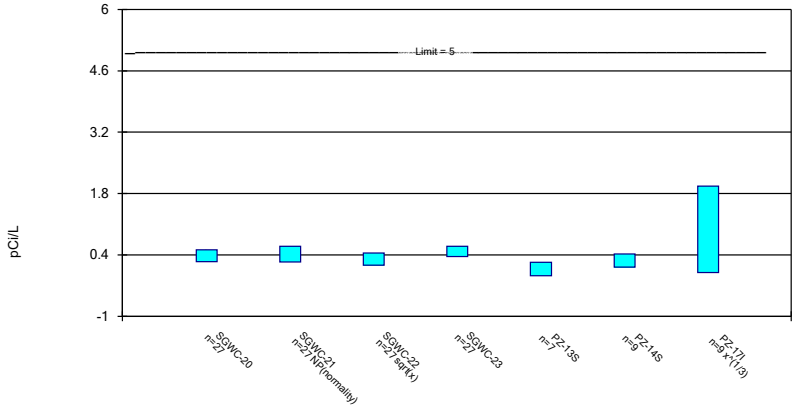


Constituent: Combined Radium 226 + 228 Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

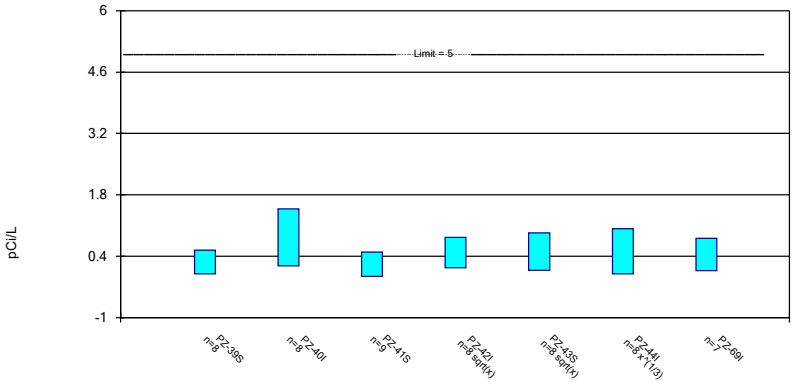


Constituent: Combined Radium 226 + 228 Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

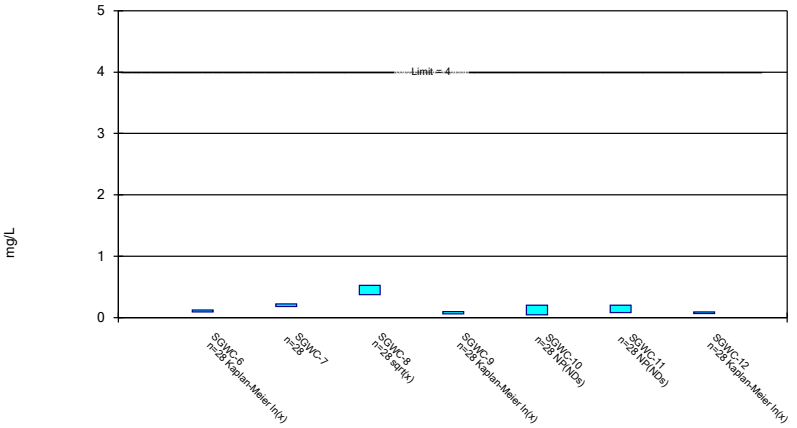


Constituent: Combined Radium 226 + 228 Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

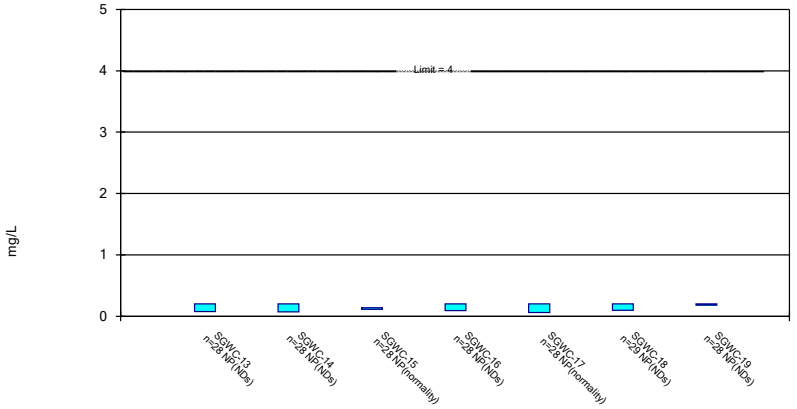


Constituent: Fluoride Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

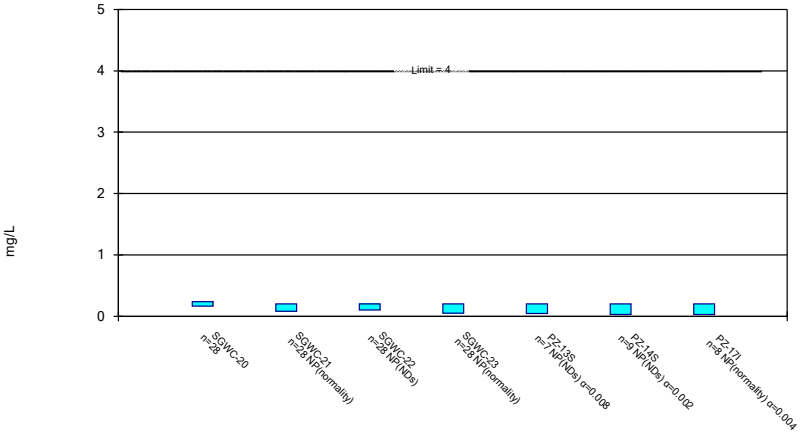


Constituent: Fluoride Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

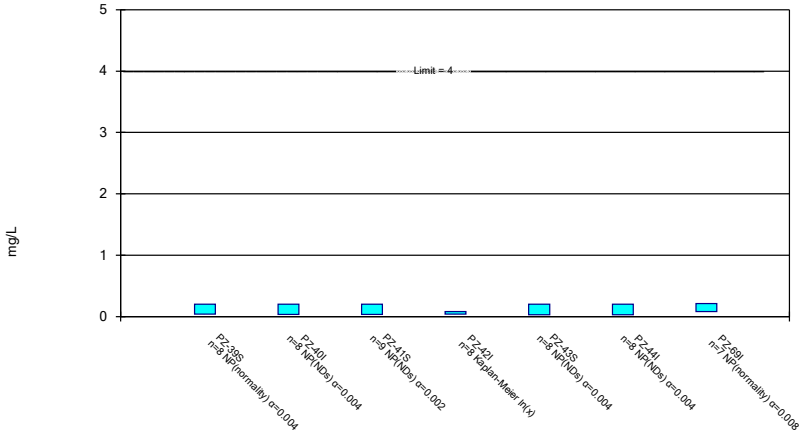


Constituent: Fluoride Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

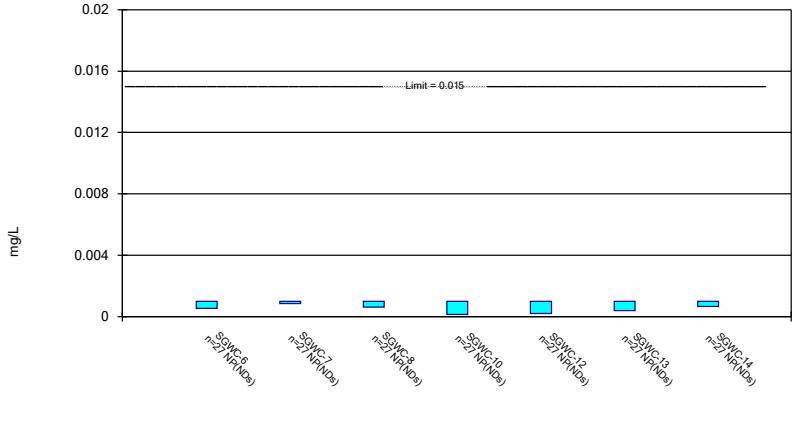


Constituent: Fluoride Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

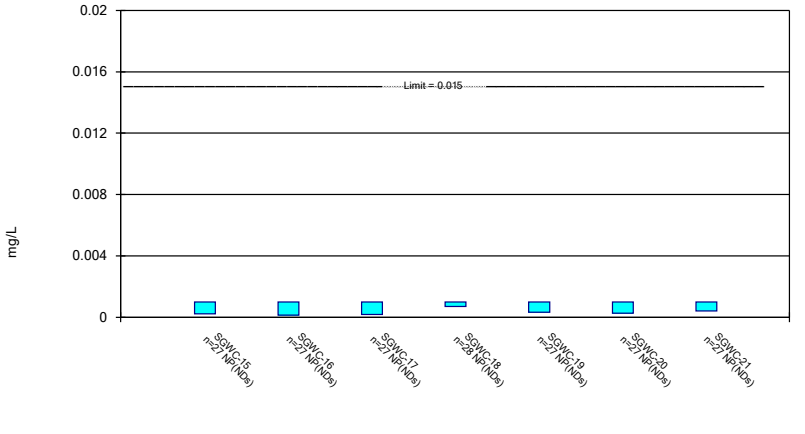


Constituent: Lead Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

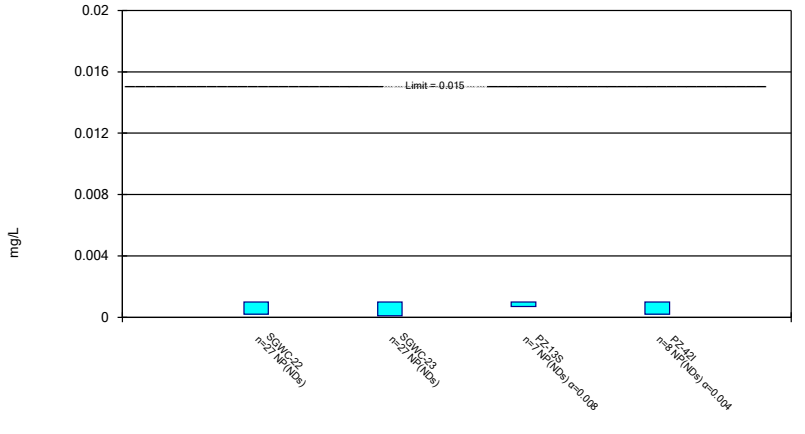


Constituent: Lead Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

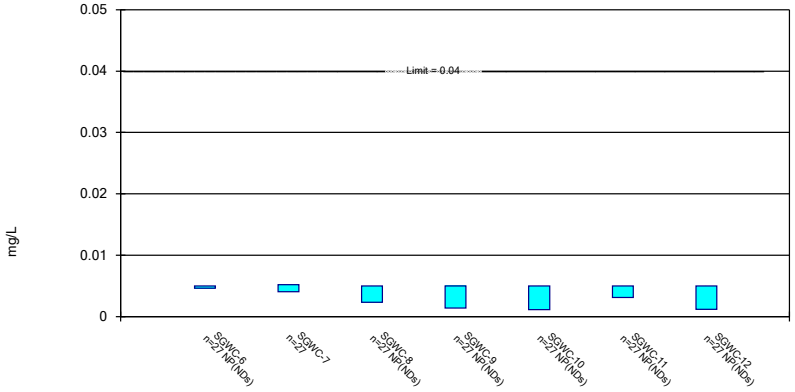


Constituent: Lead Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

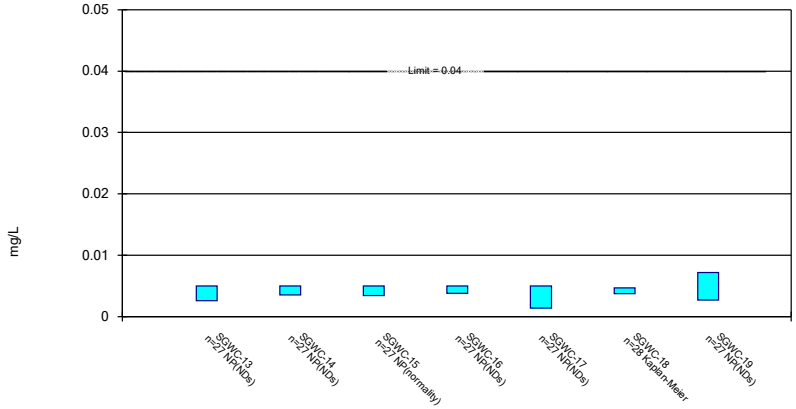


Constituent: Lithium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

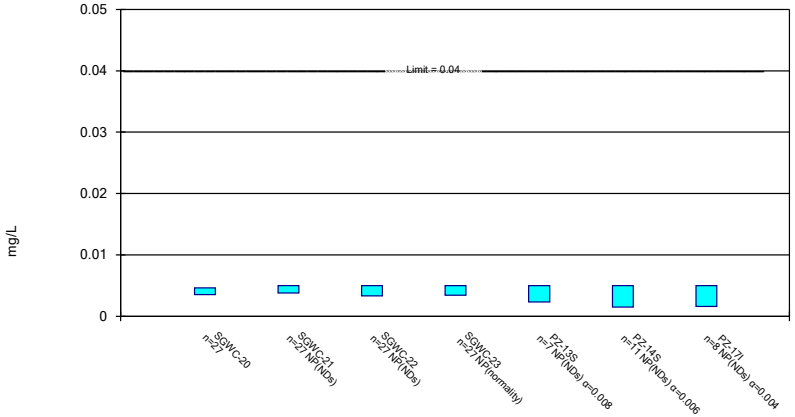


Constituent: Lithium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

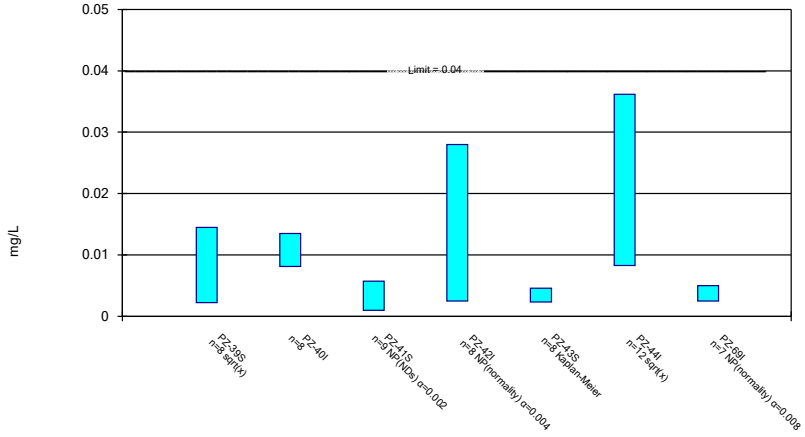


Constituent: Lithium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

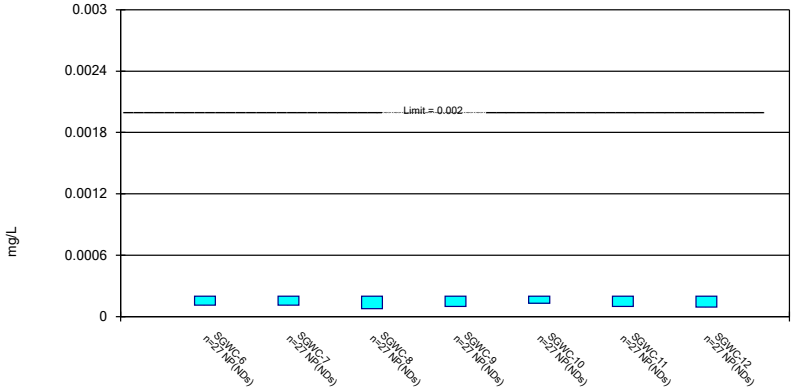


Constituent: Lithium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

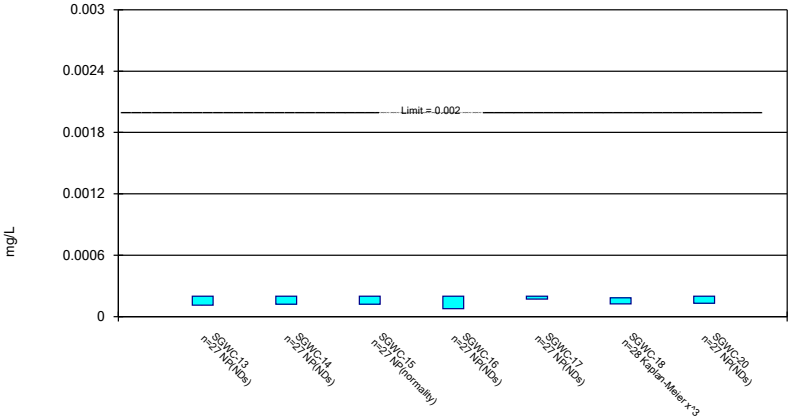


Constituent: Mercury Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

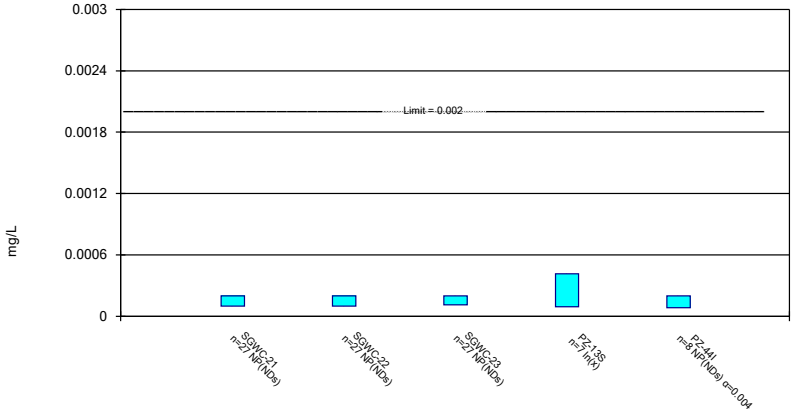


Constituent: Mercury Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

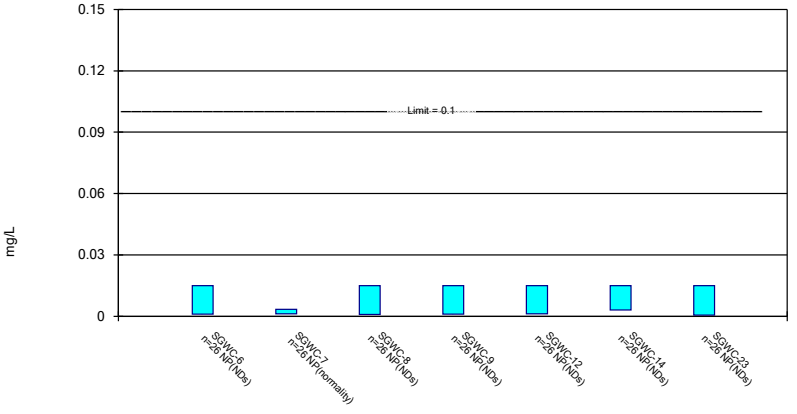


Constituent: Mercury Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

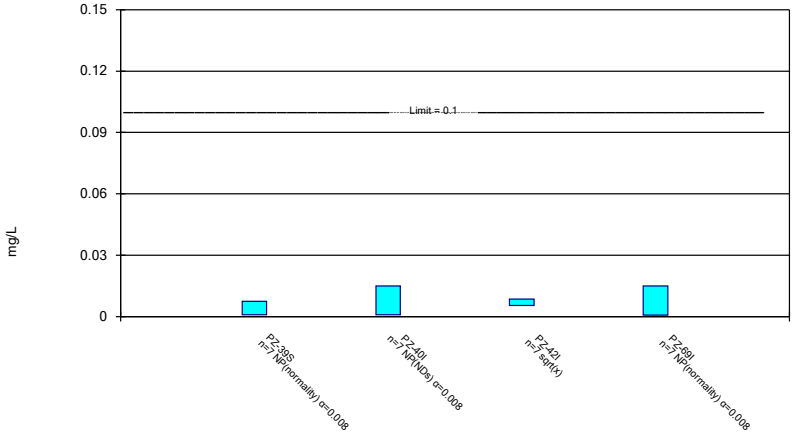


Constituent: Molybdenum Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

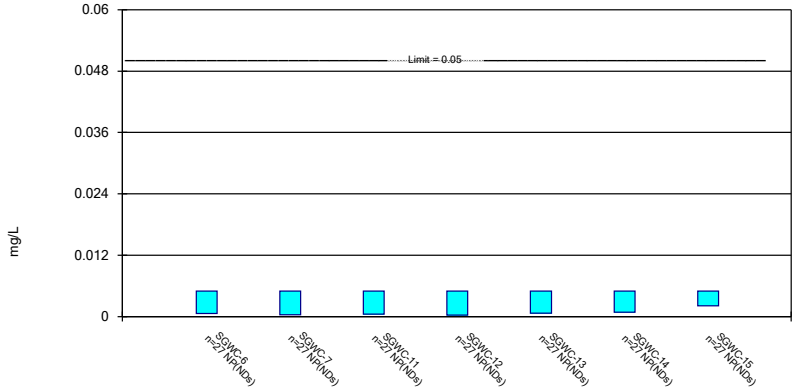


Constituent: Molybdenum Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

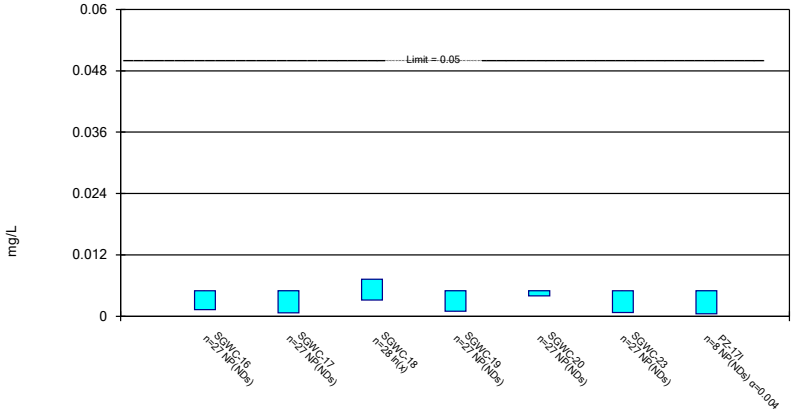


Constituent: Selenium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

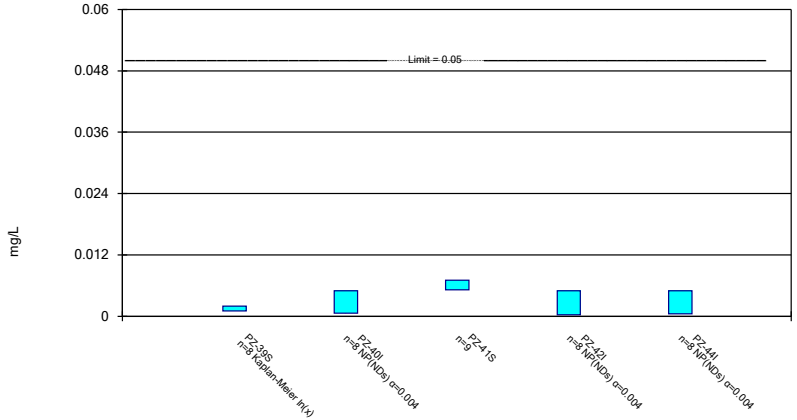


Constituent: Selenium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

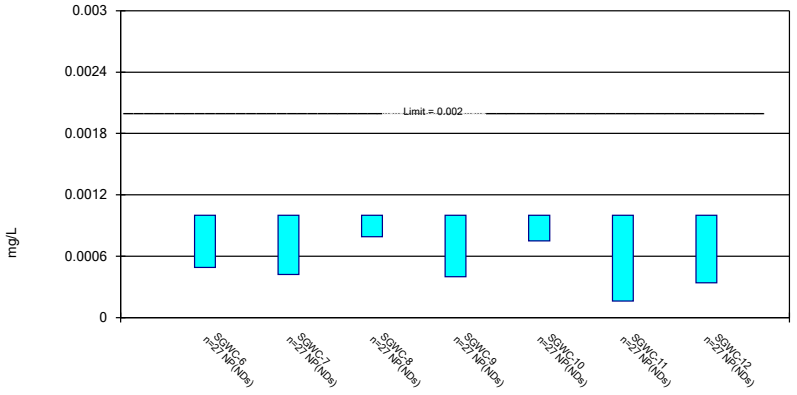


Constituent: Selenium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

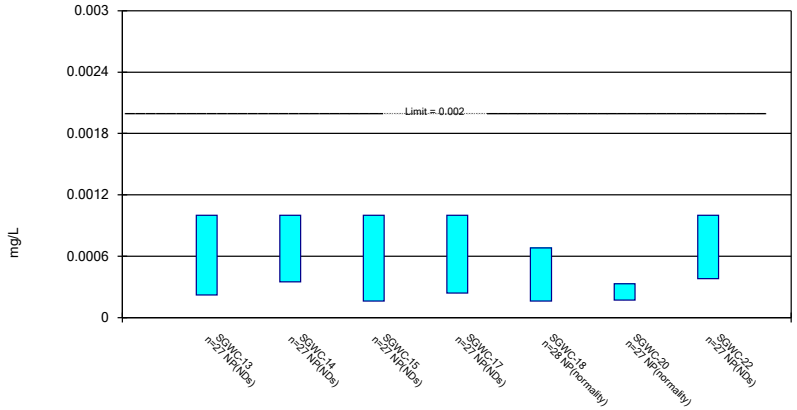


Constituent: Thallium Analysis Run 5/8/2025 5:29 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

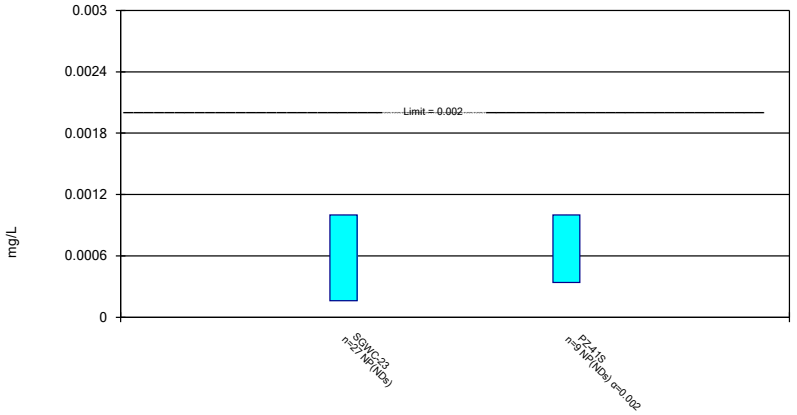


Constituent: Thallium Analysis Run 5/8/2025 5:30 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.



Constituent: Thallium Analysis Run 5/8/2025 5:30 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-7	SGWC-10	SGWC-13	SGWC-18	SGWC-19	SGWC-20	SGWC-21
5/11/2016	<0.002	<0.002					
5/12/2016			<0.002			<0.002	<0.002
5/13/2016				<0.002	<0.002		
6/27/2016	0.0004 (J)						
6/28/2016		0.0014 (J)	0.0004 (J)				
6/29/2016					<0.002	<0.002	<0.002
6/30/2016				0.0012 (J)			
8/17/2016	<0.002	<0.002					
8/18/2016			<0.002				
8/22/2016				<0.002	<0.002	<0.002	<0.002
10/17/2016		<0.002	<0.002				
10/18/2016	<0.002				<0.002	<0.002	<0.002
10/19/2016				<0.002			
12/6/2016	<0.002	<0.002	<0.002				
12/7/2016				<0.002			<0.002
12/8/2016					<0.002	<0.002	
2/14/2017	<0.002						
2/15/2017		<0.002	<0.002				
2/16/2017				<0.002	<0.002	<0.002	<0.002
4/12/2017	<0.002	<0.002	<0.002				
4/13/2017				<0.002	<0.002	<0.002	<0.002
6/27/2017	<0.002	<0.002	<0.002				
6/28/2017				<0.002	<0.002	<0.002	<0.002
3/27/2018	<0.002	<0.002	<0.002				
3/28/2018				<0.002	<0.002	<0.002	<0.002
10/8/2018			<0.002				<0.002
10/9/2018	<0.002	<0.002			<0.002		
2/20/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/18/2020	<0.002					<0.002	<0.002
2/19/2020		<0.002	<0.002		<0.002		
2/20/2020				<0.002			
2/9/2021	<0.002	<0.002	<0.002				
2/10/2021				<0.002	<0.002	<0.002	<0.002
8/18/2021	<0.002			<0.002			<0.002
8/19/2021		<0.002	<0.002		<0.002	<0.002	
2/9/2022	<0.002						
2/10/2022				<0.002			
2/11/2022		<0.002	<0.002		<0.002	<0.002	<0.002
8/18/2022	<0.002		<0.002				
8/19/2022		<0.002					
8/22/2022					0.0021	0.0019 (J)	0.0019 (J)
8/23/2022				<0.002			
2/22/2023	<0.002	<0.002		<0.002	<0.002	<0.002	
2/23/2023			<0.002				<0.002
8/2/2023			<0.002				
8/7/2023		<0.002		<0.002	<0.002	<0.002	
8/8/2023	<0.002						<0.002
2/20/2024					<0.002		
2/21/2024	<0.002						
2/23/2024		<0.002	<0.002				
2/26/2024						<0.002	
2/27/2024				<0.002			<0.002

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-7	SGWC-10	SGWC-13	SGWC-18	SGWC-19	SGWC-20	SGWC-21
7/31/2024	<0.002						
8/1/2024			<0.002		<0.002		
8/2/2024						<0.002	<0.002
8/5/2024		<0.002		<0.002			
2/19/2025	<0.002	<0.002	<0.002				
2/20/2025						<0.002	<0.002
2/21/2025				<0.002	<0.002		
Mean	0.001924	0.001971	0.001924	0.00196	0.002005	0.001995	0.001995
Std. Dev.	0.0003491	0.0001309	0.0003491	0.0001789	2.182E-05	2.236E-05	2.182E-05
Upper Lim.	0.002	0.002	0.002	0.002	0.0021	0.002	0.002
Lower Lim.	0.0004	0.0014	0.0004	0.0012	0.002	0.0019	0.0019

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-22	SGWC-23	PZ-13S	PZ-17I	PZ-40I	PZ-42I
5/12/2016	<0.002	<0.002				
6/29/2016	<0.002	<0.002				
8/19/2016	<0.002	<0.002				
10/18/2016	<0.002	<0.002				
12/7/2016	<0.002	<0.002				
2/15/2017		<0.002				
2/16/2017	<0.002					
4/13/2017	<0.002	<0.002				
6/28/2017	<0.002	<0.002				
3/27/2018		<0.002				
3/28/2018	<0.002					
10/8/2018	<0.002	<0.002				
2/19/2019	<0.002	<0.002				
2/18/2020	<0.002	<0.002				
2/10/2021	<0.002	<0.002				
8/18/2021	<0.002	<0.002				
2/8/2022			<0.002			
2/9/2022				0.00061 (J)		<0.002
2/10/2022	<0.002	<0.002			<0.002	
8/22/2022	0.0022	0.00098 (J)				<0.002
8/23/2022					0.00089 (J)	
8/24/2022			<0.002	<0.002		
2/23/2023	<0.002	<0.002	<0.002	<0.002		<0.002
2/24/2023					<0.002	
8/1/2023				<0.002	<0.002	
8/2/2023			0.00046 (J)			<0.002
8/7/2023	<0.002					
8/8/2023		<0.002				
2/21/2024	<0.002	<0.002	<0.002			
2/26/2024				<0.002		
2/27/2024					<0.002	<0.002
8/1/2024				<0.002		
8/2/2024	<0.002	<0.002				
8/5/2024			<0.002		<0.002	<0.002
2/19/2025			<0.002			
2/20/2025	<0.002				<0.002	0.0009 (J)
2/21/2025		<0.002		<0.002		
Mean	0.00201	0.001951	0.00178	0.001801	0.001841	0.001843
Std. Dev.	4.364E-05	0.0002226	0.0005821	0.0005254	0.0004195	0.0004158
Upper Lim.	0.0022	0.002	0.002	0.002	0.002	0.002
Lower Lim.	0.002	0.00098	0.00046	0.00061	0.00089	0.0009

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	<0.001	<0.001	<0.001	<0.001	<0.001	0.00103 (J)	<0.001
6/27/2016	<0.001	0.0009 (J)	<0.001				
6/28/2016					<0.001	0.0011 (J)	0.001 (J)
6/29/2016				0.0009 (J)			
8/17/2016	<0.001	0.0006 (J)	<0.001		<0.001	0.0011 (J)	
8/18/2016							0.00091 (J)
8/22/2016				<0.001			
10/17/2016	<0.001		<0.001		<0.001	0.0011 (J)	<0.001
10/18/2016		<0.001		0.00074 (J)			
12/6/2016	<0.001	<0.001	<0.001		<0.001	0.00072 (J)	<0.001
12/7/2016				0.00079 (J)			
2/14/2017	0.0006 (J)	0.00059 (J)	0.0005 (J)				
2/15/2017					0.0005 (J)	0.0011 (J)	0.00076 (J)
2/16/2017				0.00056 (J)			
4/12/2017	0.00046 (J)	0.00058 (J)	<0.001		<0.001	0.00076 (J)	0.00046 (J)
4/13/2017				0.00079 (J)			
6/27/2017	<0.001	<0.001	0.00076 (J)	0.0011 (J)	0.00074 (J)	0.0011 (J)	0.0011 (J)
3/27/2018	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
3/28/2018				<0.001			
6/6/2018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/8/2018	<0.001						0.0007 (J)
10/9/2018		0.00057 (J)	0.00053 (J)	0.00068 (J)	<0.001		
10/16/2018						<0.001	
2/20/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2019		<0.001	0.001 (J)	<0.001	0.00059 (J)	0.0011 (J)	0.0012 (J)
4/2/2019	<0.001						
9/16/2019	<0.001			<0.001		<0.001	<0.001
9/17/2019		<0.001	0.00035 (J)		<0.001		
2/18/2020	<0.001	<0.001	<0.001			<0.001	
2/19/2020				0.00039 (J)	<0.001		0.00032 (J)
3/25/2020	0.00044 (J)		0.00063 (J)	<0.001	<0.001	<0.001	
3/26/2020		<0.001					0.00032 (J)
9/14/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/31/2021				0.00033 (J)	<0.001		
4/1/2021	<0.001	0.00044 (J)	<0.001				
4/7/2021						<0.001	<0.001
8/18/2021	<0.001	<0.001	<0.001				
8/19/2021				<0.001	<0.001	<0.001	
8/20/2021							<0.001
2/9/2022	<0.001	<0.001					
2/10/2022			<0.001	<0.001		<0.001	<0.001
2/11/2022					<0.001		
8/18/2022		<0.001	<0.001	<0.001		<0.001	<0.001
8/19/2022	<0.001				<0.001		
2/22/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/23/2023							<0.001
8/1/2023	<0.001						
8/2/2023						<0.001	
8/7/2023				<0.001	<0.001		<0.001
8/8/2023		<0.001	<0.001				
2/20/2024	<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
2/21/2024		<0.001	<0.001	<0.001			
2/23/2024					<0.001	<0.001	<0.001
7/31/2024		<0.001					
8/1/2024	<0.001		<0.001	<0.001		<0.001	<0.001
8/5/2024					<0.001		
2/19/2025		<0.001	<0.001	<0.001	<0.001		<0.001
2/20/2025	<0.001					<0.001	
Mean	0.0009444	0.0009141	0.0009174	0.0008993	0.0009567	0.001004	0.0009174
Std. Dev.	0.0001619	0.0001769	0.0001864	0.0001979	0.0001293	8.692E-05	0.0002182
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.00103	0.001
Lower Lim.	0.0006	0.0009	0.001	0.0009	0.00074	0.001	0.001

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
5/12/2016	<0.001	<0.001	<0.001	<0.001	<0.001		
5/13/2016						0.00161 (J)	<0.001
6/28/2016	<0.001	<0.001	0.0026 (J)	<0.001			
6/29/2016					<0.001		<0.001
6/30/2016						0.004 (J)	
8/18/2016	<0.001	<0.001	0.0015	<0.001	<0.001		
8/22/2016						0.0012 (J)	<0.001
10/17/2016	<0.001	<0.001					
10/18/2016			0.0019	<0.001			<0.001
10/19/2016					0.0011 (J)	0.0019	
12/6/2016	<0.001						
12/7/2016		<0.001	0.00079 (J)	<0.001	<0.001	0.0012 (J)	
12/8/2016							<0.001
2/15/2017	<0.001	<0.001	0.00073 (J)		0.00059 (J)		
2/16/2017				<0.001		0.00086 (J)	<0.001
4/12/2017	0.00047 (J)	0.00057 (J)	0.0009 (J)				
4/13/2017				<0.001	0.00066 (J)	0.00058 (J)	<0.001
6/27/2017	0.00088 (J)	0.00058 (J)	0.0011 (J)	0.00055 (J)	0.00075 (J)		
6/28/2017						0.0011 (J)	0.00068 (J)
3/27/2018	<0.001	<0.001	<0.001	<0.001	<0.001		
3/28/2018						0.0015	<0.001
6/7/2018	<0.001	<0.001	<0.001	<0.001	<0.001		
6/8/2018						0.002	<0.001
10/8/2018	0.00069 (J)	0.0007 (J)		0.00054 (J)	0.00075 (J)		
10/9/2018							0.00058 (J)
10/16/2018			<0.001				
10/18/2018						0.0031	
1/2/2019						<0.0013	
2/20/2019	<0.001	<0.001	0.00075 (J)	<0.001	<0.001	0.003	<0.001
4/1/2019	0.0014	0.0012 (J)	0.0016				
4/2/2019				<0.001	<0.001	0.0027	<0.001
9/17/2019	<0.001	<0.001	0.0008 (J)	<0.001	<0.001	0.0029	<0.001
2/19/2020	<0.001	<0.001	0.001	<0.001	<0.001		<0.001
2/20/2020						0.0031	
3/23/2020							<0.001
3/24/2020					<0.001		
3/26/2020						0.0047	
3/27/2020	<0.001	0.0014	0.0016	<0.001			
9/14/2020	<0.001						
9/15/2020		<0.001	0.0014	<0.001	<0.001	0.0045	<0.001
2/9/2021	<0.001	<0.001	0.0013	<0.001			
2/10/2021					0.00038 (J)	0.0033	<0.001
3/30/2021						0.0028	<0.001
3/31/2021			0.0012				
4/1/2021				0.00033 (J)	<0.001		
4/6/2021		<0.001					
4/7/2021	<0.001						
8/18/2021					<0.001	0.0028	
8/19/2021	<0.001	<0.001	0.0014	<0.001			<0.001
2/10/2022				<0.001		0.0043	
2/11/2022	<0.001		0.0021		<0.001		<0.001
2/14/2022		<0.001					

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
8/18/2022	<0.001						
8/19/2022		<0.001	0.00066 (J)				
8/22/2022							<0.001
8/23/2022						0.0021	
8/31/2022				<0.001	<0.001		
2/22/2023					<0.001	0.0015	<0.001
2/23/2023	<0.001	<0.001	0.0012	<0.001			
8/2/2023	<0.001						
8/7/2023			<0.001		<0.001	0.00093 (J)	<0.001
8/8/2023		<0.001		<0.001			
2/20/2024							<0.001
2/23/2024	<0.001						
2/26/2024			0.0032	<0.001	<0.001		
2/27/2024		<0.001				0.0018	
8/1/2024	<0.001	<0.001	0.0018	<0.001			<0.001
8/5/2024					<0.001	0.0018	
2/19/2025	<0.001	<0.001		<0.001	<0.001		
2/20/2025			0.0012				
2/21/2025						0.0012	<0.001
Mean	0.0009793	0.0009796	0.001323	0.0009415	0.0009344	0.002255	0.0009726
Std. Dev.	0.0001441	0.0001569	0.0005914	0.0001722	0.0001626	0.001194	9.971E-05
Upper Lim.	0.001	0.0012	0.001418	0.001	0.001	0.002812	0.001
Lower Lim.	0.00088	0.0007	0.0008969	0.00055	0.00075	0.001697	0.00068

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-39S	PZ-42I	PZ-69I
5/12/2016	<0.001	<0.001	<0.001	<0.001			
6/29/2016	0.0018 (J)	<0.001	<0.001	<0.001			
8/19/2016			<0.001	<0.001			
8/22/2016	0.001 (J)	<0.001					
10/18/2016	0.00085 (J)	<0.001	<0.001	<0.001			
12/7/2016		<0.001	<0.001	<0.001			
12/8/2016	<0.001						
2/15/2017				<0.001			
2/16/2017	<0.001	<0.001	<0.001				
4/13/2017	<0.001	<0.001	0.0006 (J)	0.00061 (J)			
6/28/2017	0.00094 (J)	0.00076 (J)	0.00089 (J)	0.00079 (J)			
3/27/2018				<0.001			
3/28/2018	<0.001	<0.001	<0.001				
6/7/2018	<0.001	<0.001	<0.001	<0.001			
10/8/2018		<0.001	<0.001	<0.001			
10/17/2018					0.0019		
10/18/2018	<0.001					<0.001	
2/19/2019			<0.001	<0.001			
2/20/2019	<0.001	<0.001					
4/2/2019	<0.001	<0.001	<0.001	<0.001			
9/17/2019	0.00037 (J)	<0.001					
9/18/2019			0.00035 (J)	<0.001			
2/18/2020	0.00032 (J)	<0.001	0.00034 (J)	<0.001			
3/23/2020	0.0005 (J)	<0.001					
3/24/2020			<0.001	<0.001			
9/15/2020	0.00051 (J)	<0.001	<0.001	<0.001			
2/10/2021	0.00059 (J)	<0.001	<0.001	<0.001			
3/30/2021	0.00049 (J)	<0.001					
3/31/2021			<0.001	<0.001			
8/18/2021		<0.001	<0.001	<0.001			
8/19/2021	0.00066 (J)						
2/9/2022					<0.001	<0.001	
2/10/2022			0.00031 (J)	<0.001			0.00059 (J)
2/11/2022	0.00081 (J)	<0.001					
8/22/2022	0.00042 (J)	<0.001	0.00044 (J)	<0.001		0.00049 (J)	
8/23/2022					0.00028 (J)		
8/24/2022							0.00074 (J)
2/22/2023	0.00046 (J)						
2/23/2023		<0.001	<0.001	<0.001		<0.001	
2/24/2023					<0.001		0.0007 (J)
8/2/2023					<0.001	<0.001	<0.001
8/7/2023	<0.001		<0.001				
8/8/2023		<0.001		<0.001			
2/21/2024			<0.001	<0.001			
2/23/2024							<0.001
2/26/2024	0.0015						
2/27/2024		<0.001			<0.001	<0.001	
8/2/2024	0.00098 (J)	<0.001	<0.001	<0.001			<0.001
8/5/2024						<0.001	
8/6/2024					<0.001		
2/20/2025	<0.001	<0.001	<0.001			<0.001	
2/21/2025				<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-39S	PZ-42I	PZ-69I
2/24/2025					<0.001		<0.001
Mean	0.0008593	0.0009911	0.0008863	0.0009778	0.001023	0.0009363	0.0008614
Std. Dev.	0.0003362	4.619E-05	0.0002378	8.386E-05	0.000435	0.0001803	0.0001786
Upper Lim.	0.001	0.001	0.001	0.001	0.0019	0.001	0.001
Lower Lim.	0.00051	0.00076	0.00089	0.00079	0.00028	0.00049	0.00059

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	0.0933	0.295	0.251	0.0494	0.0294	0.038	0.0324
6/27/2016	0.101	0.353	0.205				
6/28/2016					0.0293	0.0363	0.0321
6/29/2016				0.0535			
8/17/2016	0.094	0.29	0.16		0.029	0.033	
8/18/2016							0.03
8/22/2016				0.049			
10/17/2016	0.11		0.17		0.027	0.035	0.032
10/18/2016		0.29		0.049			
12/6/2016	0.11	0.31	0.16		0.03	0.035	0.032
12/7/2016				0.048			
2/14/2017	0.056	0.3	0.18				
2/15/2017					0.025	0.036	0.036
2/16/2017				0.056			
4/12/2017	0.048	0.3	0.18		0.028	0.038	0.037
4/13/2017				0.063			
6/27/2017	0.058	0.36	0.18	0.067	0.034	0.042	0.042
3/27/2018	0.021	0.27	0.17		0.031	0.039	0.043
3/28/2018				0.069			
6/6/2018	0.014	0.24	0.18	0.069	0.027	0.041	0.048
10/8/2018	0.069						0.049
10/9/2018		0.28	0.17	0.077	0.032		
10/16/2018						0.037	
2/20/2019	0.052	0.28	0.2	0.077	0.036	0.044	0.054
4/1/2019		0.24	0.19	0.071	0.039	0.041	0.051
4/2/2019	0.069						
9/16/2019	0.13			0.077		0.045	0.052
9/17/2019		0.23	0.19		0.029		
2/18/2020	0.083	0.25	0.17			0.044	
2/19/2020				0.065	0.027		0.053
3/25/2020	0.12		0.19	0.066	0.036	0.046	
3/26/2020		0.23					0.051
9/14/2020	0.14	0.27	0.18	0.059	0.027	0.042	0.057
2/9/2021	0.12	0.26	0.18	0.054	0.028	0.043	0.058
3/31/2021				0.061	0.036		
4/1/2021	0.12	0.26	0.17				
4/7/2021						0.046	0.058
8/18/2021	0.13	0.24	0.16				
8/19/2021				0.043	0.025	0.045	
8/20/2021							0.057
2/9/2022	0.13	0.21					
2/10/2022			0.18	0.047		0.045	0.057
2/11/2022					0.025		
8/18/2022		0.2	0.16	0.05		0.044	0.056
8/19/2022	0.15				0.027		
2/22/2023	0.12	0.22	0.13	0.044	0.038	0.044	
2/23/2023							0.058
8/1/2023	0.14						
8/2/2023						0.048	
8/7/2023				0.049	0.032		0.053
8/8/2023		0.24	0.13				
2/20/2024	0.13						

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
2/21/2024		0.22	0.12	0.046			
2/23/2024					0.036	0.062	0.073
7/31/2024		0.25					
8/1/2024	0.17		0.13	0.046		0.059	0.072
8/5/2024					0.041		
2/19/2025		0.25	0.14	0.035	0.043		0.075
2/20/2025	0.17					0.072	
Mean	0.1018	0.2644	0.1713	0.05703	0.03136	0.04371	0.04994
Std. Dev.	0.04181	0.03964	0.02713	0.01173	0.005133	0.008632	0.01273
Upper Lim.	0.1217	0.2833	0.1843	0.06263	0.03381	0.045	0.05602
Lower Lim.	0.08184	0.2455	0.1584	0.05144	0.02891	0.038	0.04387

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
5/12/2016	0.0198	0.067	0.041	0.0163	0.0157		
5/13/2016						0.0138	0.0507
6/28/2016	0.0208	0.0668	0.0435	0.0165			
6/29/2016					0.0161		0.0485
6/30/2016						0.0145	
8/18/2016	0.022	0.06	0.043	0.017	0.016		
8/22/2016						0.014	0.044
10/17/2016	0.024	0.06					
10/18/2016			0.041	0.017			0.042
10/19/2016					0.023	0.016	
12/6/2016	0.025						
12/7/2016		0.063	0.042	0.017	0.018	0.015	
12/8/2016							0.045
2/15/2017	0.026	0.061	0.038		0.02		
2/16/2017				0.017		0.013	0.04
4/12/2017	0.029	0.062	0.038				
4/13/2017				0.019	0.019	0.012	0.037
6/27/2017	0.031	0.06	0.041	0.02	0.019		
6/28/2017						0.012	0.04
3/27/2018	0.029	0.055	0.035	0.021	0.02		
3/28/2018						0.029	0.034
6/7/2018	0.032	0.057	0.035	0.022	0.02		
6/8/2018						0.032	0.035
10/8/2018	0.033	0.053		0.025	0.021		
10/9/2018							0.037
10/16/2018			0.031				
10/18/2018						0.033	
1/2/2019						0.027	
2/20/2019	0.041	0.053	0.036	0.027	0.023	0.034	0.036
4/1/2019	0.038	0.054	0.034				
4/2/2019				0.023	0.02	0.028	0.03
9/17/2019	0.036	0.048	0.034	0.029	0.025	0.026	0.035
2/19/2020	0.033	0.047	0.031	0.029	0.022		0.034
2/20/2020						0.023	
3/23/2020							0.032
3/24/2020					0.024		
3/26/2020						0.02	
3/27/2020	0.034	0.049	0.028	0.027			
9/14/2020	0.039						
9/15/2020		0.05	0.031	0.031	0.025	0.02	0.034
2/9/2021	0.036	0.046	0.029	0.03			
2/10/2021					0.023	0.016	0.031
3/30/2021						0.015	0.03
3/31/2021			0.028				
4/1/2021				0.029	0.022		
4/6/2021		0.048					
4/7/2021	0.037						
8/18/2021					0.024	0.022	
8/19/2021	0.036	0.042	0.027	0.029			0.027
2/10/2022				0.034		0.013	
2/11/2022	0.034		0.027		0.025		0.032
2/14/2022		0.047					

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
8/18/2022	0.036						
8/19/2022		0.048	0.025				
8/22/2022							0.023
8/23/2022						0.012	
8/31/2022				0.033	0.033		
2/22/2023					0.024	0.0098 (J)	0.022
2/23/2023	0.035	0.038	0.023	0.035			
8/2/2023	0.036						
8/7/2023			0.031		0.026	0.0092 (J)	0.022
8/8/2023		0.045		0.043			
2/20/2024							0.024
2/23/2024	0.043						
2/26/2024			0.028	0.05	0.029		
2/27/2024		0.042				0.01	
8/1/2024	0.048	0.037	0.028	0.054			0.025
8/5/2024					0.025	0.011	
2/19/2025	0.044	0.032		0.059	0.032		
2/20/2025			0.025				
2/21/2025						0.0093 (J)	0.024
Mean	0.03324	0.05151	0.03309	0.02851	0.02259	0.0182	0.03386
Std. Dev.	0.007102	0.009175	0.006152	0.01158	0.004338	0.007827	0.007985
Upper Lim.	0.03663	0.05589	0.03603	0.03285	0.02465	0.02107	0.03767
Lower Lim.	0.02986	0.04713	0.03016	0.02265	0.02052	0.01416	0.03005

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
5/12/2016	0.0436	0.0914	0.1	0.0959			
6/29/2016	0.0466	0.0933	0.0991	0.0957			
8/19/2016			0.096	0.093			
8/22/2016	0.038	0.086					
10/18/2016	0.039	0.093	0.096	0.093			
12/7/2016		0.096	0.09	0.09			
12/8/2016	0.038						
2/15/2017				0.09			
2/16/2017	0.034	0.091	0.091				
4/13/2017	0.028	0.088	0.091	0.081			
6/28/2017	0.03	0.094	0.1	0.085			
3/27/2018				0.076			
3/28/2018	0.027	0.09	0.084				
6/7/2018	0.029	0.092	0.084	0.082			
10/8/2018		0.092	0.084	0.077			
10/18/2018	0.027						0.055
1/10/2019						0.032	
2/19/2019			0.075	0.064			
2/20/2019	0.03	0.1					
4/2/2019	0.023	0.087	0.076	0.068			
9/17/2019	0.025	0.097					
9/18/2019			0.078	0.068			
2/13/2020						0.036	
2/18/2020	0.023	0.11	0.085	0.065			
3/23/2020	0.024	0.1					
3/24/2020			0.081	0.065			
9/15/2020	0.024	0.13	0.083	0.064			
2/10/2021	0.023	0.12	0.078	0.066			
3/30/2021	0.021	0.12					
3/31/2021			0.072	0.059			
8/18/2021		0.12	0.074	0.056			
8/19/2021	0.02						
2/8/2022					0.049	0.033	
2/9/2022							0.06
2/10/2022			0.07	0.064			
2/11/2022	0.022	0.11					
8/22/2022	0.021	0.1	0.075	0.056			
8/23/2022						0.034	
8/24/2022					0.046		0.058
2/22/2023	0.018						
2/23/2023		0.1	0.082	0.06	0.049	0.036	0.062
8/1/2023						0.034	0.054
8/2/2023					0.046		
8/7/2023	0.02		0.074				
8/8/2023		0.12		0.058			
2/21/2024			0.075	0.056	0.049		
2/26/2024	0.021						0.068
2/27/2024		0.12					
2/28/2024						0.037	
8/1/2024							0.063
8/2/2024	0.023	0.13	0.08	0.06			
8/5/2024					0.043	0.031	

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
2/19/2025					0.041	0.038	
2/20/2025	0.022	0.12	0.071				
2/21/2025				0.064			0.06
Mean	0.02741	0.1034	0.08311	0.07228	0.04614	0.03456	0.06
Std. Dev.	0.007686	0.01406	0.009323	0.01372	0.003185	0.002351	0.004504
Upper Lim.	0.03051	0.12	0.08756	0.085	0.04993	0.03683	0.06477
Lower Lim.	0.0236	0.092	0.07867	0.06	0.04236	0.03229	0.05523

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018						0.014	
10/17/2018	0.02						
10/18/2018		0.089	0.059	0.1	0.12		
2/19/2020			0.032				
2/9/2022	0.04		0.026	0.056	0.085	0.0078 (J)	
2/10/2022		0.042					0.14
8/22/2022				0.052			
8/23/2022	0.039	0.055					
8/24/2022			0.025		0.07	0.0079 (J)	0.13
2/23/2023			0.026	0.052			
2/24/2023	0.045	0.039			0.076		0.16
2/28/2023						0.008 (J)	
8/1/2023		0.038					
8/2/2023	0.043		0.023	0.05	0.074	0.0092 (J)	0.17
2/23/2024						0.009 (J)	0.19
2/27/2024	0.042	0.036	0.025	0.05	0.074		
8/1/2024						0.01	
8/2/2024					0.075		0.19
8/5/2024		0.033		0.051			
8/6/2024	0.038		0.023				
2/20/2025		0.033		0.047			
2/21/2025			0.024				
2/24/2025	0.043				0.07	0.0099 (J)	0.18
Mean	0.03875	0.04563	0.02922	0.05725	0.0805	0.009475	0.1657
Std. Dev.	0.007924	0.01888	0.01149	0.01746	0.01663	0.002025	0.0237
Upper Lim.	0.0445	0.089	0.059	0.1	0.12	0.014	0.1939
Lower Lim.	0.03421	0.033	0.023	0.047	0.07	0.0078	0.1376

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-10	SGWC-14	SGWC-15	SGWC-17
5/11/2016	<0.0025	<0.0025	<0.0025	<0.0025			
5/12/2016					<0.0025	<0.0025	<0.0025
6/27/2016	<0.0025	<0.0025	<0.0025				
6/28/2016				<0.0025	<0.0025	0.0003 (J)	
6/29/2016							<0.0025
8/17/2016	<0.0025	<0.0025	<0.0025	<0.0025			
8/18/2016					<0.0025	0.00037 (J)	<0.0025
10/17/2016	<0.0025		<0.0025	<0.0025	<0.0025		
10/18/2016		<0.0025				<0.0025	
10/19/2016							<0.0025
12/6/2016	<0.0025	<0.0025	<0.0025	<0.0025			
12/7/2016					<0.0025	<0.0025	<0.0025
2/14/2017	<0.0025	<0.0025	<0.0025				
2/15/2017				<0.0025	<0.0025	0.00037 (J)	<0.0025
4/12/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00035 (J)	
4/13/2017							<0.0025
6/27/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0004 (J)	<0.0025
3/27/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00041 (J)	<0.0025
6/6/2018	<0.0025	<0.0025	<0.0025	<0.0025			
6/7/2018					<0.0025	0.00038 (J)	<0.0025
10/8/2018	<0.0025				<0.0025		<0.0025
10/9/2018		<0.0025	<0.0025	<0.0025			
10/16/2018						0.0004 (J)	
2/20/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00042 (J)	<0.0025
4/1/2019		<0.0025	<0.0025	<0.0025	<0.0025	0.00034 (J)	
4/2/2019	<0.0025						<0.0025
9/16/2019	<0.0025						
9/17/2019		<0.0025	0.00019 (J)	<0.0025	<0.0025	0.00046 (J)	<0.0025
2/18/2020	<0.0025	<0.0025	<0.0025				
2/19/2020				0.00026 (J)	<0.0025	0.00045 (J)	<0.0025
3/24/2020							<0.0025
3/25/2020	0.0002 (J)		0.0003 (J)	<0.0025			
3/26/2020		<0.0025					
3/27/2020					0.00053 (J)	0.00059 (J)	
9/14/2020	<0.0025	<0.0025	<0.0025	<0.0025			
9/15/2020					0.0002 (J)	0.00053 (J)	<0.0025
2/9/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00044 (J)	
2/10/2021							0.00028 (J)
3/31/2021				<0.0025		0.00045 (J)	
4/1/2021	<0.0025	<0.0025	<0.0025				<0.0025
4/6/2021					<0.0025		
8/18/2021	<0.0025	<0.0025	<0.0025				<0.0025
8/19/2021				<0.0025	<0.0025	0.00033 (J)	
2/9/2022	<0.0025	<0.0025					
2/10/2022			<0.0025				
2/11/2022				<0.0025		0.0004 (J)	<0.0025
2/14/2022					<0.0025		
8/18/2022		<0.0025	<0.0025				
8/19/2022	<0.0025			<0.0025	<0.0025	0.00039 (J)	
8/31/2022							<0.0025
2/22/2023	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025
2/23/2023					<0.0025	0.00038 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-10	SGWC-14	SGWC-15	SGWC-17
8/1/2023	<0.0025						
8/7/2023				<0.0025		0.00046 (J)	<0.0025
8/8/2023		<0.0025	<0.0025		<0.0025		
2/20/2024	<0.0025						
2/21/2024		0.00033 (J)	<0.0025				
2/23/2024				<0.0025			
2/26/2024						0.00051 (J)	<0.0025
2/27/2024					<0.0025		
7/31/2024		<0.0025					
8/1/2024	<0.0025		<0.0025		<0.0025	0.00052 (J)	
8/5/2024				<0.0025			<0.0025
2/19/2025		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
2/20/2025	<0.0025					0.00054 (J)	
Mean	0.002415	0.00242	0.002333	0.002417	0.002342	0.0005163	0.002418
Std. Dev.	0.0004426	0.0004176	0.000602	0.0004311	0.0005716	0.0002731	0.0004272
Upper Lim.	0.0025	0.0025	0.0025	0.0025	0.0025	0.00052	0.0025
Lower Lim.	0.0002	0.00033	0.0003	0.00026	0.00053	0.00038	0.00028

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18	SGWC-19	SGWC-20	SGWC-22
5/12/2016			0.000742 (J)	<0.0025
5/13/2016	<0.0025	<0.0025		
6/29/2016		0.0002 (J)	0.0007 (J)	<0.0025
6/30/2016	0.0003 (J)			
8/19/2016				<0.0025
8/22/2016	<0.0025	<0.0025	0.00074 (J)	
10/18/2016		<0.0025	0.00075 (J)	<0.0025
10/19/2016	<0.0025			
12/7/2016	<0.0025			<0.0025
12/8/2016		<0.0025	0.00093 (J)	
2/16/2017	<0.0025	<0.0025	0.00091 (J)	<0.0025
4/13/2017	<0.0025	<0.0025	0.00065 (J)	<0.0025
6/28/2017	<0.0025	<0.0025	0.00073 (J)	<0.0025
3/28/2018	0.00036 (J)	<0.0025	0.00079 (J)	<0.0025
6/7/2018			0.00086 (J)	<0.0025
6/8/2018	0.00035 (J)	<0.0025		
10/8/2018				<0.0025
10/9/2018		<0.0025		
10/18/2018	<0.0025		0.00079 (J)	
1/2/2019	<0.0025			
2/19/2019				<0.0025
2/20/2019	0.00033 (J)	0.00016 (J)	0.00077 (J)	
4/2/2019	<0.0025	<0.0025	0.00043 (J)	<0.0025
9/17/2019	0.00035 (J)	<0.0025	0.00057 (J)	
9/18/2019				<0.0025
2/18/2020			0.00052 (J)	<0.0025
2/19/2020		<0.0025		
2/20/2020	0.00049 (J)			
3/23/2020		<0.0025	0.00077 (J)	
3/24/2020				<0.0025
3/26/2020	0.00033 (J)			
9/15/2020	0.0003 (J)	0.00018 (J)	0.00078 (J)	0.00033 (J)
2/10/2021	0.00036 (J)	0.00019 (J)	0.0009 (J)	<0.0025
3/30/2021	0.00025 (J)	0.00018 (J)	0.00058 (J)	
3/31/2021				<0.0025
8/18/2021	0.00035 (J)			<0.0025
8/19/2021		<0.0025	0.00091 (J)	
2/10/2022	<0.0025			<0.0025
2/11/2022		<0.0025	0.00074 (J)	
8/22/2022		<0.0025	0.00062 (J)	<0.0025
8/23/2022	<0.0025			
2/22/2023	<0.0025	<0.0025	0.00044 (J)	
2/23/2023				<0.0025
8/7/2023	0.0002 (J)	<0.0025	0.00052 (J)	<0.0025
2/20/2024		<0.0025		
2/21/2024				<0.0025
2/26/2024			0.001 (J)	
2/27/2024	<0.0025			
8/1/2024		0.00022 (J)		
8/2/2024			0.00087 (J)	<0.0025
8/5/2024	<0.0025			
2/20/2025			0.0011 (J)	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18	SGWC-19	SGWC-20	SGWC-22
2/21/2025	<0.0025	<0.0025		
Mean	0.00157	0.001986	0.0007449	0.00242
Std. Dev.	0.001094	0.0009794	0.0001661	0.0004176
Upper Lim.	0.0025	0.0025	0.0008241	0.0025
Lower Lim.	0.00035	0.00022	0.0006656	0.00033

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-8	SGWC-11	SGWC-14	SGWC-15	SGWC-18	SGWC-19
5/11/2016	<0.0025	<0.0025	<0.0025				
5/12/2016				0.000136 (J)	0.000265 (J)		
5/13/2016						0.00016 (J)	<0.0025
6/27/2016	<0.0025	<0.0025					
6/28/2016			<0.0025	<0.0025	0.0003 (J)		
6/29/2016							<0.0025
6/30/2016						0.0002 (J)	
8/17/2016	<0.0025	<0.0025	<0.0025				
8/18/2016				<0.0025	<0.0025		
8/22/2016						<0.0025	<0.0025
10/17/2016	<0.0025	<0.0025	<0.0025	<0.0025			
10/18/2016					<0.0025		<0.0025
10/19/2016						<0.0025	
12/6/2016	<0.0025	<0.0025	<0.0025				
12/7/2016				<0.0025	<0.0025	<0.0025	
12/8/2016							<0.0025
2/14/2017	<0.0025	<0.0025					
2/15/2017			<0.0025	<0.0025	0.00044 (J)		
2/16/2017						<0.0025	0.00036 (J)
4/12/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
4/13/2017						<0.0025	<0.0025
6/27/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
6/28/2017						<0.0025	<0.0025
3/27/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
3/28/2018						<0.0025	<0.0025
10/8/2018	<0.0025			<0.0025			
10/9/2018		<0.0025					<0.0025
10/16/2018			<0.0025		<0.0025		
10/18/2018						<0.0025	
2/20/2019	<0.0025	<0.0025	<0.0025	<0.0025	0.00033 (J)	0.00023 (J)	<0.0025
4/1/2019		<0.0025	<0.0025	<0.0025	<0.0025		
4/2/2019	<0.0025					<0.0025	<0.0025
9/16/2019	<0.0025		<0.0025				
9/17/2019		<0.0025		<0.0025	0.00034 (J)	0.00018 (J)	<0.0025
2/18/2020	<0.0025	<0.0025	<0.0025				
2/19/2020				<0.0025	0.0003 (J)		<0.0025
2/20/2020						0.00032 (J)	
3/23/2020							<0.0025
3/25/2020	0.00022 (J)	0.00031 (J)	<0.0025				
3/26/2020						<0.0025	
3/27/2020				0.00057 (J)	0.00042 (J)		
9/14/2020	<0.0025	<0.0025	<0.0025				
9/15/2020				<0.0025	0.00032 (J)	<0.0025	<0.0025
2/9/2021	<0.0025	<0.0025	<0.0025	<0.0025	0.0003 (J)		
2/10/2021						0.00035 (J)	<0.0025
3/30/2021						<0.0025	<0.0025
3/31/2021					0.00027 (J)		
4/1/2021	<0.0025	<0.0025					
4/6/2021				<0.0025			
4/7/2021			<0.0025				
8/18/2021	<0.0025	<0.0025				<0.0025	
8/19/2021			0.00022 (J)	<0.0025	0.00026 (J)		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-8	SGWC-11	SGWC-14	SGWC-15	SGWC-18	SGWC-19
2/9/2022	<0.0025						
2/10/2022		<0.0025	<0.0025			<0.0025	
2/11/2022					0.00024 (J)		<0.0025
2/14/2022				<0.0025			
8/18/2022		<0.0025	<0.0025				
8/19/2022	<0.0025			<0.0025	0.00024 (J)		
8/22/2022							<0.0025
8/23/2022						<0.0025	
2/22/2023	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
2/23/2023				<0.0025	0.00023 (J)		
8/1/2023	<0.0025						
8/2/2023			<0.0025				
8/7/2023					0.00046 (J)	0.00024 (J)	0.0001 (J)
8/8/2023		<0.0025		0.00011 (J)			
2/20/2024	<0.0025						<0.0025
2/21/2024		<0.0025					
2/23/2024			<0.0025				
2/26/2024					0.00047 (J)		
2/27/2024				<0.0025		0.00032 (J)	
8/1/2024	<0.0025	<0.0025	<0.0025	8E-05 (J)	0.00033 (J)		<0.0025
8/5/2024						0.00013 (J)	
2/19/2025		<0.0025		0.00011 (J)			
2/20/2025	<0.0025		<0.0025		0.00024 (J)		
2/21/2025						<0.0025	<0.0025
Mean	0.002412	0.002416	0.002412	0.002058	0.0009906	0.001717	0.002325
Std. Dev.	0.0004471	0.0004295	0.0004471	0.0009276	0.001028	0.001099	0.000618
Upper Lim.	0.0025	0.0025	0.0025	0.0025	0.00047	0.0025	0.0025
Lower Lim.	0.00022	0.00031	0.00022	0.00057	0.00027	0.00032	0.00036

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21
5/12/2016	0.000108 (J)	<0.0025
6/29/2016	0.0001 (J)	<0.0025
8/22/2016	<0.0025	<0.0025
10/18/2016	<0.0025	<0.0025
12/7/2016		<0.0025
12/8/2016	<0.0025	
2/16/2017	<0.0025	0.00039 (J)
4/13/2017	<0.0025	<0.0025
6/28/2017	<0.0025	<0.0025
3/28/2018	<0.0025	<0.0025
10/8/2018		<0.0025
10/18/2018	<0.0025	
2/20/2019	<0.0025	<0.0025
4/2/2019	<0.0025	<0.0025
9/17/2019	<0.0025	<0.0025
2/18/2020	<0.0025	<0.0025
3/23/2020	<0.0025	<0.0025
9/15/2020	<0.0025	<0.0025
2/10/2021	<0.0025	<0.0025
3/30/2021	<0.0025	<0.0025
8/18/2021		<0.0025
8/19/2021	<0.0025	
2/11/2022	<0.0025	<0.0025
8/22/2022	<0.0025	<0.0025
2/22/2023	<0.0025	
2/23/2023		<0.0025
8/7/2023	0.00013 (J)	
8/8/2023		<0.0025
2/26/2024	0.00015 (J)	
2/27/2024		<0.0025
8/2/2024	<0.0025	<0.0025
2/20/2025	9E-05 (J)	<0.0025
Mean	0.002041	0.002419
Std. Dev.	0.0009584	0.0004138
Upper Lim.	0.0025	0.0025
Lower Lim.	0.00015	0.00039

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-12	SGWC-13	SGWC-14
5/11/2016	<0.002	<0.002	<0.002	<0.002	<0.002		
5/12/2016						<0.002	<0.002
6/27/2016	<0.002	<0.002					
6/28/2016				<0.002	<0.002	<0.002	0.0008 (J)
6/29/2016			<0.002				
8/17/2016	<0.002	<0.002		<0.002			
8/18/2016					<0.002	<0.002	<0.002
8/22/2016			<0.002				
10/17/2016		<0.002		<0.002	0.0023 (J)	<0.002	0.0012 (J)
10/18/2016	<0.002		<0.002				
12/6/2016	<0.002	<0.002		<0.002	<0.002	<0.002	
12/7/2016			<0.002				0.0012 (J)
2/14/2017	<0.002	<0.002					
2/15/2017				<0.002	<0.002	<0.002	<0.002
2/16/2017			<0.002				
4/12/2017	<0.002	0.0011 (J)		<0.002	<0.002	<0.002	<0.002
4/13/2017			<0.002				
6/27/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2018	<0.002	0.0012 (J)		<0.002	<0.002	<0.002	<0.002
3/28/2018			<0.002				
6/6/2018	<0.002	0.0013 (J)	<0.002	<0.002	<0.002		
6/7/2018						<0.002	<0.002
10/8/2018					<0.002	<0.002	<0.002
10/9/2018	<0.002	0.0016 (J)	<0.002	<0.002			
2/20/2019	<0.002	0.0021 (J)	<0.002	<0.002	<0.002	<0.002	0.0016 (J)
4/1/2019	<0.002	0.0013 (J)	<0.002	<0.002	<0.002	<0.002	<0.002
9/16/2019			<0.002		<0.002		
9/17/2019	<0.002	0.0031		<0.002		0.0017 (J)	0.0026
2/18/2020	<0.002	0.0015 (J)					
2/19/2020			<0.002	<0.002	<0.002	<0.002	<0.002
3/25/2020		<0.002	<0.002	<0.002			
3/26/2020	<0.002				<0.002		
3/27/2020						<0.002	0.0019 (J)
9/14/2020	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
9/15/2020							<0.002
2/9/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
3/31/2021			<0.002	<0.002			
4/1/2021	<0.002	<0.002					
4/6/2021							<0.002
4/7/2021					<0.002	<0.002	
8/18/2021	0.0026	<0.002					
8/19/2021			<0.002	<0.002		<0.002	<0.002
8/20/2021					<0.002		
2/9/2022	<0.002						
2/10/2022		<0.002	<0.002		<0.002		
2/11/2022				<0.002		<0.002	
2/14/2022							<0.002
8/18/2022	<0.002	0.055	<0.002		<0.002	<0.002	
8/19/2022				<0.002			0.0066
2/22/2023	<0.002	0.0023	<0.002	<0.002			
2/23/2023					<0.002	<0.002	<0.002
8/2/2023						<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-12	SGWC-13	SGWC-14
8/7/2023			0.0039	0.0012 (J)	<0.002		
8/8/2023	<0.002	0.0028					0.0012 (J)
2/21/2024	0.002	0.0054	0.0017 (J)				
2/23/2024				<0.002	<0.002	<0.002	
2/27/2024							0.0014 (J)
7/31/2024	<0.002						
8/1/2024		0.0032	<0.002		<0.002	<0.002	<0.002
8/5/2024				<0.002			
2/19/2025	0.0014 (J)	0.003	<0.002	<0.002	<0.002	<0.002	0.0013 (J)
Mean	0.002	0.004107	0.002059	0.00197	0.002011	0.001989	0.001993
Std. Dev.	0.0001664	0.01021	0.0003724	0.000154	5.774E-05	5.774E-05	0.000998
Upper Lim.	0.002	0.0023	0.0039	0.002	0.0023	0.002	0.002
Lower Lim.	0.002	0.0016	0.0017	0.0012	0.002	0.0017	0.0016

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21
5/12/2016	0.0335	0.00943 (J)	0.0077 (J)			<0.002	<0.002
5/13/2016				0.00771 (J)	0.0151		
6/28/2016	0.0339	0.0093 (J)					
6/29/2016			0.0036 (J)		0.0141	0.0009 (J)	0.0012 (J)
6/30/2016				0.007 (J)			
8/18/2016	0.034	0.0085	0.0027				
8/22/2016				0.007	0.015	<0.002	<0.002
10/18/2016	0.033	0.0088			0.013	<0.002	<0.002
10/19/2016			0.0048	0.0064			
12/7/2016	0.032	0.0079	0.0027	0.0063			<0.002
12/8/2016					0.013	<0.002	
2/15/2017	0.03		0.0044				
2/16/2017		0.0097		0.007	0.015	<0.002	<0.002
4/12/2017	0.035						
4/13/2017		0.0098	0.0047	0.0061	0.016	<0.002	<0.002
6/27/2017	0.035	0.0096	0.0029				
6/28/2017				0.0059	0.016	<0.002	<0.002
3/27/2018	0.031	0.0098	0.0045				
3/28/2018				0.0082	0.014	<0.002	<0.002
6/7/2018	0.032	0.01	0.0083			<0.002	<0.002
6/8/2018				0.0086	0.015		
10/8/2018		0.013	0.0055				<0.002
10/9/2018					0.017		
10/16/2018	0.032						
10/18/2018				0.009		<0.002	
1/2/2019				0.0078			
2/20/2019	0.038	0.013	0.0061	0.011	0.017	<0.002	0.0015 (J)
4/1/2019	0.032						
4/2/2019		0.01	0.004	0.0092	0.014	<0.002	<0.002
9/17/2019	0.037	0.013	0.0078	0.011	0.017	0.0022 (J)	0.0016 (J)
2/18/2020						<0.002	<0.002
2/19/2020	0.038	0.014	0.0045		0.017		
2/20/2020				0.011			
3/23/2020					0.015	<0.002	<0.002
3/24/2020			0.0079				
3/26/2020				0.0096			
3/27/2020	0.034	0.011					
9/15/2020	0.034	0.012	0.0091	0.01	0.015	<0.002	0.002
2/9/2021	0.035	0.012					
2/10/2021			0.008	0.01	0.015	<0.002	<0.002
3/30/2021				0.0098	0.014	<0.002	<0.002
3/31/2021	0.034						
4/1/2021		0.012	0.0046				
8/18/2021			0.012	0.019			0.0022
8/19/2021	0.032	0.011			0.014	<0.002	
2/10/2022		0.012		0.01			
2/11/2022	0.032		0.0079		0.015	<0.002	<0.002
8/19/2022	0.032						
8/22/2022					0.013	<0.002	0.0016 (J)
8/23/2022				0.0095			
8/31/2022		0.012	0.0088				
2/22/2023			0.0084	0.0096	0.013	<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21
2/23/2023	0.029	0.012					<0.002
8/7/2023	0.035		0.0093	0.01	0.015	0.0016 (J)	
8/8/2023		0.014					<0.002
2/20/2024					0.018		
2/26/2024	0.035	0.013	0.0078			0.0014 (J)	
2/27/2024				0.01			<0.002
8/1/2024	0.037	0.014			0.016		
8/2/2024						0.0012 (J)	<0.002
8/5/2024			0.0028	0.01			
2/19/2025		0.015	0.0039				
2/20/2025	0.033					0.0024	<0.002
2/21/2025				0.0098	0.015		
Mean	0.03364	0.01133	0.0061	0.009161	0.01504	0.001915	0.00193
Std. Dev.	0.002252	0.001929	0.002511	0.002491	0.00137	0.0003022	0.0002072
Upper Lim.	0.03472	0.01225	0.007298	0.009957	0.0157	0.0022	0.002
Lower Lim.	0.03257	0.01041	0.004902	0.007939	0.01439	0.0016	0.002

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S	PZ-41S
5/12/2016	<0.002	<0.002					
6/29/2016	0.0007 (J)	0.0013 (J)					
8/19/2016	<0.002	<0.002					
10/18/2016	<0.002	<0.002					
12/7/2016	<0.002	<0.002					
2/15/2017		<0.002					
2/16/2017	<0.002						
4/13/2017	<0.002	0.0014 (J)					
6/28/2017	<0.002	0.0025					
3/27/2018		0.0012 (J)					
3/28/2018	<0.002						
6/7/2018	<0.002	<0.002					
10/8/2018	0.0012 (J)	0.0017 (J)					
10/17/2018						0.0027	
10/18/2018					0.0049		<0.0025
1/10/2019				0.0029			
2/19/2019	<0.002	<0.002					
4/2/2019	0.0012 (J)	0.0011 (J)					
9/18/2019	0.0024 (J)	0.0024 (J)					
2/13/2020				0.0022			
2/18/2020	0.0015 (J)	<0.002					
2/19/2020							0.0058
3/24/2020	<0.002	<0.002					
9/15/2020	0.0025	0.0017 (J)					
2/10/2021	0.0015 (J)	0.0017 (J)					
3/31/2021	<0.002	0.0016 (J)					
8/18/2021	<0.002	0.0019 (J)					
2/8/2022			0.003	0.0018 (J)			
2/9/2022					0.0036	0.028	0.0058
2/10/2022	<0.002	0.0015 (J)					
8/22/2022	0.0022	0.0017 (J)					
8/23/2022				0.0024		0.014	
8/24/2022			0.0034		0.0037		0.0051
2/23/2023	<0.002	0.0016 (J)	0.0034	0.0022	0.0042		0.0059
2/24/2023						0.03	
8/1/2023				0.0021	0.0027		
8/2/2023			0.0027			0.026	0.0056
8/7/2023	0.0015 (J)						
8/8/2023		0.0025					
2/21/2024	0.003	0.0031	0.0047				
2/26/2024					0.0033		
2/27/2024						0.021	0.0058
2/28/2024				0.0023			
8/1/2024					0.0029		
8/2/2024	<0.002	0.0019 (J)					
8/5/2024			0.0025	0.0013 (J)			
8/6/2024						0.021	0.005
2/19/2025			0.0036	0.0024			
2/20/2025	0.0013 (J)						
2/21/2025		0.0022			0.0032		0.0059
2/24/2025						0.023	
Mean	0.001889	0.001889	0.003329	0.002178	0.003563	0.02071	0.005128

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S	PZ-41S
Std. Dev.	0.0004526	0.0004309	0.0007251	0.000441	0.000717	0.008801	0.001493
Upper Lim.	0.0022	0.001813	0.00419	0.002604	0.004322	0.03004	0.0059
Lower Lim.	0.0015	0.00136	0.002467	0.001752	0.002803	0.01138	0.00125

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-42I	PZ-43S	PZ-44I
10/16/2018			0.0046
10/18/2018	<0.002	<0.002	
2/9/2022	<0.002	<0.002	<0.002
8/22/2022	0.003		
8/24/2022		<0.002	<0.002
2/23/2023	<0.002		
2/24/2023		0.002	
2/28/2023			<0.002
8/2/2023	<0.002	0.0012 (J)	<0.002
2/23/2024			0.0013 (J)
2/27/2024	<0.002	0.002	
8/1/2024			<0.002
8/2/2024		<0.002	
8/5/2024	<0.002		
2/20/2025	0.0012 (J)		
2/24/2025		0.002	<0.002
Mean	0.002025	0.0019	0.002238
Std. Dev.	0.0004833	0.0002828	0.0009855
Upper Lim.	0.003	0.002	0.0046
Lower Lim.	0.0012	0.0012	0.0013

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	<0.0025	0.0116	0.00265 (J)	0.0156	0.0191	0.0378	0.00648 (J)
6/27/2016	0.002 (J)	0.0143	0.0012 (J)				
6/28/2016					0.0192	0.0332	0.0051 (J)
6/29/2016				0.0147			
8/17/2016	0.0018 (J)	0.012	0.00049 (J)		0.022	0.03	
8/18/2016							0.0035
8/22/2016				0.017			
10/17/2016	0.0016 (J)		<0.0025		0.05	0.032	0.003
10/18/2016		0.0099		0.017			
12/6/2016	0.0012 (J)	0.011	<0.0025		0.04	0.029	0.0036
12/7/2016				0.014			
2/14/2017	0.0022 (J)	0.0093	<0.0025				
2/15/2017					0.038	0.029	0.004
2/16/2017				0.014			
4/12/2017	0.0023 (J)	0.0062	<0.0025		0.018	0.028	0.0039
4/13/2017				0.014			
6/27/2017	0.0045	0.021	<0.0025	0.013	0.014	0.029	0.0042
3/27/2018	0.004	0.0054	<0.0025		0.026	0.024	0.0035
3/28/2018				0.0087			
6/6/2018	0.0021 (J)	0.0034	<0.0025	0.0064	0.018	0.026	0.0038
10/8/2018	<0.0025						0.0037
10/9/2018		0.013	<0.0025	0.0049	0.03		
10/16/2018						0.023	
2/20/2019	0.00011 (J)	0.0057	0.00014 (J)	0.01	0.034	0.024	0.0032
4/1/2019		0.0046	<0.0025	0.01	0.025	0.021	0.0029
4/2/2019	<0.0025						
9/16/2019	0.00013 (J)			0.001 (J)		0.022	0.003
9/17/2019		0.0039	0.00013 (J)		0.022		
2/18/2020	<0.0025	0.0067	<0.0025			0.018	
2/19/2020				0.0082	0.027		0.0027
3/25/2020	0.00027 (J)		0.00032 (J)	0.0064	0.029	0.024	
3/26/2020		0.0033					0.0024 (J)
9/14/2020	<0.0025	0.0063	<0.0025	0.00048 (J)	0.022	0.019	0.001 (J)
2/9/2021	<0.0025	0.0069	<0.0025	0.0032	0.03	0.019	0.0014 (J)
3/31/2021				0.0046	0.026		
4/1/2021	<0.0025	0.0029	<0.0025				
4/7/2021						0.019	0.0017 (J)
8/18/2021	0.00024 (J)	0.0021 (J)	0.00021 (J)				
8/19/2021				0.00072 (J)	0.022	0.014	
8/20/2021							0.0019 (J)
2/9/2022	<0.0025	0.0024 (J)					
2/10/2022			<0.0025	0.0022 (J)		0.021	0.00079 (J)
2/11/2022					0.023		
8/18/2022		0.0012 (J)	0.00075 (J)	0.00084 (J)		0.012	0.001 (J)
8/19/2022	<0.0025				0.022		
2/22/2023	0.0003 (J)	0.0014 (J)	<0.0025	0.00062 (J)	0.025	0.023	
2/23/2023							0.0014 (J)
8/1/2023	<0.0025						
8/2/2023						0.022	
8/7/2023				0.00053 (J)	0.025		0.0013 (J)
8/8/2023		0.00049 (J)	<0.0025				
2/20/2024	<0.0025						

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
2/21/2024		0.00032 (J)	<0.0025	0.00066 (J)			
2/23/2024					0.03	0.022	0.0018 (J)
7/31/2024		0.00034 (J)					
8/1/2024	<0.0025		<0.0025	0.00068 (J)		0.018	0.0023 (J)
8/5/2024					0.023		
2/19/2025		0.00023 (J)	<0.0025	0.00058 (J)	0.026		0.0018 (J)
2/20/2025	<0.0025					0.02	
Mean	0.002046	0.006144	0.001977	0.007037	0.02612	0.02367	0.002791
Std. Dev.	0.001083	0.005163	0.0009328	0.006034	0.007607	0.005903	0.001362
Upper Lim.	0.0025	0.008606	0.0025	0.013	0.02975	0.02648	0.003441
Lower Lim.	0.0016	0.003681	0.0012	0.00072	0.02249	0.02085	0.002142

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
5/12/2016	0.0145	0.00605 (J)	0.267	0.00303 (J)	<0.0025		
5/13/2016						0.116	<0.0025
6/28/2016	0.011	0.0115	0.255	0.0029 (J)			
6/29/2016					0.0007 (J)		0.0006 (J)
6/30/2016						0.112	
8/18/2016	0.0099	0.011	0.26	0.0029	0.00078 (J)		
8/22/2016						0.13	0.00066 (J)
10/17/2016	0.01	0.017					
10/18/2016			0.28	0.0034			0.00095 (J)
10/19/2016					0.00094 (J)	0.14	
12/6/2016	0.0079						
12/7/2016		0.0043	0.26	0.003	0.00056 (J)	0.11	
12/8/2016							0.00078 (J)
2/15/2017	0.0073	0.0059	0.24		0.00069 (J)		
2/16/2017				0.0033		0.11	0.00049 (J)
4/12/2017	0.0078	0.017	0.28				
4/13/2017				0.0034	0.00049 (J)	0.094	<0.0025
6/27/2017	0.0068	0.013	0.29	0.0037	0.00041 (J)		
6/28/2017						0.085	<0.0025
3/27/2018	0.0035	0.0083	0.27	0.0037	<0.0025		
3/28/2018						0.16	<0.0025
6/7/2018	0.0039	0.0025	0.3	0.0037	<0.0025		
6/8/2018						0.19	<0.0025
10/8/2018	0.0036	0.0071		0.0044	0.00046 (J)		
10/9/2018							<0.0025
10/16/2018			0.27				
10/18/2018						0.21	
1/2/2019						0.11	
2/20/2019	0.004	0.011	0.26	0.0038	0.00035 (J)	0.19	0.00012 (J)
4/1/2019	0.003	0.014	0.26				
4/2/2019				0.0041	<0.0025	0.18	<0.0025
9/17/2019	0.0024 (J)	0.0096	0.27	0.0042	0.00048 (J)	0.16	0.00013 (J)
2/19/2020	0.0018 (J)	0.0099	0.28	0.0047	0.00034 (J)		0.00015 (J)
2/20/2020						0.14	
3/23/2020							<0.0025
3/24/2020					0.00044 (J)		
3/26/2020						0.15	
3/27/2020	0.002 (J)	0.0093	0.28	0.0047			
9/14/2020	0.0022 (J)						
9/15/2020		0.0076	0.25	0.0043	0.00041 (J)	0.12	0.00016 (J)
2/9/2021	0.0024 (J)	0.0052	0.26	0.0045			
2/10/2021					0.00049 (J)	0.11	0.00013 (J)
3/30/2021						0.11	<0.0025
3/31/2021			0.26				
4/1/2021				0.0049	0.00041 (J)		
4/6/2021		0.0072					
4/7/2021	0.0018 (J)						
8/18/2021					0.00043 (J)	0.095	
8/19/2021	0.0021 (J)	0.0047	0.27	0.0051			<0.0025
2/10/2022				0.0049		0.09	
2/11/2022	0.0015 (J)		0.23		0.00036 (J)		0.00045 (J)
2/14/2022		0.0065					

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
8/18/2022	0.0019 (J)						
8/19/2022		0.01	0.25				
8/22/2022							<0.0025
8/23/2022						0.088	
8/31/2022				0.0054	0.00045 (J)		
2/22/2023					0.00043 (J)	0.072	<0.0025
2/23/2023	0.0016 (J)	0.0047	0.23	0.0056			
8/2/2023	0.0016 (J)						
8/7/2023			0.26		0.00052 (J)	0.064	<0.0025
8/8/2023		0.0092		0.0069			
2/20/2024							<0.0025
2/23/2024	0.0015 (J)						
2/26/2024			0.27	0.0073	0.0006 (J)		
2/27/2024		0.0038				0.069	
8/1/2024	0.0022 (J)	0.014	0.3	0.0086			<0.0025
8/5/2024					0.00045 (J)	0.069	
2/19/2025	0.0018 (J)	0.014		0.0082	0.00048 (J)		
2/20/2025			0.23				
2/21/2025						0.058	<0.0025
Mean	0.004444	0.00905	0.2641	0.004616	0.0006174	0.119	0.001653
Std. Dev.	0.003599	0.003981	0.01872	0.001552	0.0003008	0.04127	0.001058
Upper Lim.	0.0073	0.01095	0.2731	0.005219	0.0007	0.1383	0.0025
Lower Lim.	0.0019	0.007151	0.2552	0.003843	0.00043	0.09971	0.00049

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-39S
5/12/2016	0.261	<0.0025	0.00619 (J)	<0.0025			
6/29/2016	0.23	<0.0025	0.0051 (J)	<0.0025			
8/19/2016			0.0045	<0.0025			
8/22/2016	0.25	<0.0025					
10/18/2016	0.26	<0.0025	0.0043	<0.0025			
12/7/2016		<0.0025	0.0034	<0.0025			
12/8/2016	0.26						
2/15/2017				<0.0025			
2/16/2017	0.23	<0.0025	0.0031				
4/13/2017	0.19	<0.0025	0.0031	<0.0025			
6/28/2017	0.19	<0.0025	0.0029	<0.0025			
3/27/2018				<0.0025			
3/28/2018	0.18	<0.0025	0.0022 (J)				
6/7/2018	0.21	<0.0025	0.0022 (J)	<0.0025			
10/8/2018		<0.0025	0.0021 (J)	<0.0025			
10/17/2018							0.00051 (J)
10/18/2018	0.16						
1/10/2019						<0.0025	
2/19/2019			0.0018 (J)	<0.0025			
2/20/2019	0.18	0.00011 (J)					
4/2/2019	0.13	<0.0025	0.0018 (J)	<0.0025			
9/17/2019	0.13	8.7E-05 (J)					
9/18/2019			0.002 (J)	0.00013 (J)			
2/13/2020						0.00016 (J)	
2/18/2020	0.12	0.00014 (J)	0.0018 (J)	<0.0025			
3/23/2020	0.22	0.00016 (J)					
3/24/2020			0.0016 (J)	<0.0025			
9/15/2020	0.098	0.00022 (J)	0.0014 (J)	<0.0025			
9/18/2020					0.0057		
2/10/2021	0.17	0.00017 (J)	0.0015 (J)	<0.0025			
3/30/2021	0.15	0.00016 (J)					
3/31/2021			0.0011 (J)	<0.0025			
4/2/2021					0.007	0.00019 (J)	0.0003 (J)
8/18/2021		0.00016 (J)	0.001 (J)	<0.0025		0.0003 (J)	
8/19/2021	0.2						0.00028 (J)
8/20/2021					0.006		
2/8/2022					0.0052	0.00028 (J)	
2/9/2022							<0.0025
2/10/2022			0.0016 (J)	<0.0025			
2/11/2022	0.14	<0.0025					
8/22/2022	0.11	<0.0025	0.001 (J)	<0.0025			
8/23/2022						0.00046 (J)	<0.0025
8/24/2022					0.0059		
2/22/2023	0.082						
2/23/2023		<0.0025	0.00069 (J)	<0.0025	0.0057	<0.0025	
2/24/2023							<0.0025
8/1/2023						0.00039 (J)	
8/2/2023					0.0057		0.00033 (J)
8/7/2023	0.093		0.00087 (J)				
8/8/2023		<0.0025		<0.0025			
2/21/2024			0.00072 (J)	<0.0025	0.0053		
2/26/2024	0.14						

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-39S
2/27/2024		<0.0025					0.00023 (J)
2/28/2024						0.00033 (J)	
8/2/2024	0.12	<0.0025	0.00077 (J)	<0.0025			
8/5/2024					0.0051	0.00024 (J)	
8/6/2024							<0.0025
2/19/2025					0.0036	0.00023 (J)	
2/20/2025	0.15	<0.0025	0.00073 (J)				
2/21/2025				<0.0025			
2/24/2025							<0.0025
Mean	0.1724	0.001804	0.002203	0.002412	0.00552	0.0006891	0.001415
Std. Dev.	0.05452	0.001093	0.001448	0.0004561	0.0008613	0.0008994	0.001146
Upper Lim.	0.1984	0.0025	0.002666	0.0025	0.006288	0.0025	0.0025
Lower Lim.	0.1464	0.00017	0.001431	0.00013	0.004752	0.00019	0.00028

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018					0.0021 (J)	
10/18/2018	0.0076	0.0092	0.0064	0.0086		
2/19/2020		0.0016 (J)				
4/5/2021		0.0012 (J)				
4/7/2021				0.00097 (J)		
8/18/2021				0.00025 (J)		
8/19/2021		0.0013 (J)				
2/9/2022		0.00093 (J)	0.00061 (J)	<0.0025	0.0024 (J)	
2/10/2022	0.0025					0.002 (J)
8/22/2022			0.0012 (J)			
8/23/2022	0.0029					
8/24/2022		0.001 (J)		<0.0025	0.0016 (J)	0.0013 (J)
2/23/2023		0.0004 (J)	<0.0025			
2/24/2023	0.0014 (J)			<0.0025		0.0021 (J)
2/28/2023					0.0019 (J)	
8/1/2023	0.0014 (J)					
8/2/2023		0.00036 (J)	0.00041 (J)	<0.0025	0.0022 (J)	0.0032
2/23/2024					0.0017 (J)	0.003
2/27/2024	0.0011 (J)	0.00032 (J)	0.00032 (J)	<0.0025		
8/1/2024					0.0027	
8/2/2024				<0.0025		0.0029
8/5/2024	0.00094 (J)		0.00025 (J)			
8/6/2024		<0.0025				
2/20/2025	0.00094 (J)		0.00035 (J)			
2/21/2025		0.00022 (J)				
2/24/2025				<0.0025	0.0014 (J)	0.0022 (J)
Mean	0.002348	0.001616	0.001349	0.002732	0.002	0.002386
Std. Dev.	0.002243	0.002558	0.002078	0.002213	0.0004342	0.0006768
Upper Lim.	0.003835	0.002096	0.002213	0.0025	0.00246	0.00319
Lower Lim.	0.0008346	0.0003762	0.0002301	0.00097	0.00154	0.001582

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	0.0394 (U)	0.214 (U)	2.05	0.134 (U)	0.26 (U)	0.182 (U)	0.433
6/27/2016	0.624	0.581	2.9				
6/28/2016					1.57	0.858	0.435
6/29/2016				0.665			
8/17/2016	0.572	0.665	2.57		0.548 (U)	0.367 (U)	
8/18/2016							0.214 (U)
8/22/2016				0.391 (U)			
10/17/2016	0.307 (U)		2.08		-0.0725 (U)	0.551	0.316 (U)
10/18/2016		0.453		0.521			
12/6/2016	0.122 (U)	0.368 (U)	2.25		0.496	0.438	0.0575 (U)
12/7/2016				0.367 (U)			
2/14/2017	0.166 (U)	0.328 (U)	1.77				
2/15/2017					0.321 (U)	-0.0831 (U)	-0.0321 (U)
2/16/2017				0.076 (U)			
4/12/2017	0.355 (U)	0.206 (U)	2.72		-0.0397 (U)	0.343 (U)	0.00949 (U)
4/13/2017				0.239 (U)			
6/27/2017	0.0783 (U)	0.598	2.07	0.268 (U)	0.47	0.369	0.183 (U)
3/27/2018	0.0443 (U)	0.546	2.3		0.136 (U)	0.172 (U)	0.445
3/28/2018				0.378			
6/6/2018	0.127 (U)	0.165 (U)	1.59	-0.0272 (U)	0.123 (U)	0.153 (U)	0.0775 (U)
10/8/2018	0.77						0.865
10/9/2018		0.385	3.01	0.565	0.387		
10/16/2018						1.06	
2/20/2019	0.25 (U)	0.433	2.5	0.425	0.0159 (U)	0.708	0.161 (U)
4/1/2019		0.675	1.91	-0.0113 (U)	0.452	0.173 (U)	0.372
4/2/2019	0.3 (U)						
9/16/2019	0.0805 (U)			-0.116 (U)		0.251 (U)	0.569 (U)
9/17/2019		0.341 (U)	2.04		0.226 (U)		
2/18/2020	-0.0675 (U)	0.326 (U)	2.06			0.203 (U)	
2/19/2020				0.0604 (U)	0.0222 (U)		0.166 (U)
3/25/2020	0.411 (U)		2.99	0.206 (U)	0.253 (U)	0.204 (U)	
3/26/2020		0.151 (U)					0.604
9/14/2020	0.334 (U)	0.123 (U)	2.16	0.502 (U)	0.125 (U)	-0.0264 (U)	0.575
2/9/2021	0.273 (U)	0.721	2.92	0.0162 (U)	-0.0573 (U)	0.114 (U)	0.146 (U)
3/31/2021				0.153 (U)	0.188 (U)		
4/1/2021	0.544	0.329 (U)	2.26				
4/7/2021						0.0576 (U)	0.0695 (U)
8/18/2021	-0.0332 (U)	0.726	1.68				
8/19/2021				0.145 (U)	0.102 (U)	0.755	
8/20/2021							0.0109 (U)
2/9/2022	0.145 (U)	0.659					
2/10/2022			2.08	0.179 (U)		0.11 (U)	0.279 (U)
2/11/2022					0.436		
8/18/2022		0.309 (U)	2.58	0.275 (U)		0.393 (U)	0.384 (U)
8/19/2022	0.243 (U)				0.606		
2/22/2023	0.0662 (U)	-0.191 (U)	0.866	0.473 (U)	0.285 (U)	-0.172 (U)	
2/23/2023							0.784
8/1/2023	0.11 (U)						
8/2/2023						1.23	
8/7/2023				0.619	0.0602 (U)		0.366 (U)
8/8/2023		0.12 (U)	1.75				
2/20/2024	0.538						

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
2/21/2024		0.22 (U)	1.29	-0.0257 (U)			
2/23/2024					0.587	0.189 (U)	0.612
7/31/2024		0.501					
8/1/2024	0.506 (U)		1.4	0.379 (U)		0.43 (U)	0.476 (U)
8/5/2024					0.411 (U)		
2/19/2025		0.477 (U)	1.11	0.132 (U)	0.792		-0.324 (U)
2/20/2025	0.271 (U)					0.388 (U)	
Mean	0.2658	0.3863	2.108	0.2588	0.3223	0.3488	0.3057
Std. Dev.	0.2168	0.2224	0.5677	0.2167	0.3372	0.3338	0.2708
Upper Lim.	0.3692	0.4923	2.378	0.3622	0.47	0.508	0.4349
Lower Lim.	0.1624	0.2802	1.837	0.1554	0.102	0.1896	0.1765

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
5/12/2016	0.0531 (U)	0.106 (U)	0.344 (U)	0.0196 (U)	0.134 (U)		
5/13/2016						0.103 (U)	-0.115 (U)
6/28/2016	0.483	0.735	0.256	0.418			
6/29/2016					0.391		0.396
6/30/2016						0.593	
8/18/2016	0.286 (U)	0.212 (U)	0.503 (U)	0.199 (U)	0.498 (U)		
8/22/2016						0.17 (U)	-0.102 (U)
10/17/2016	0.472	-0.187 (U)					
10/18/2016			0.171 (U)	0.0404 (U)			0.352 (U)
10/19/2016					0.4795 (D)	0.433	
12/6/2016	0.903						
12/7/2016		0.701	0.375 (U)	0.426	0.239 (U)	0.435 (U)	
12/8/2016							0.431 (U)
2/15/2017	-0.223 (U)	0.155 (U)	0.0801 (U)		0.175 (U)		
2/16/2017				0.163 (U)		0.101 (U)	0.146 (U)
4/12/2017	0.21 (U)	0.233 (U)	0.197 (U)				
4/13/2017				0.0522 (U)	-0.00846 (U)	-0.0014 (U)	0.127 (U)
6/27/2017	0.0574 (U)	0.302	0.0274 (U)	0.222 (U)	0.186 (U)		
6/28/2017						0.512	0.11 (U)
3/27/2018	0.145 (U)	0.306 (U)	0.285 (U)	0.387 (U)	0.249 (U)		
3/28/2018						0.428	0.247 (U)
6/7/2018	0.235 (U)	0.211 (U)	0.64	0.283 (U)	0.172 (U)		
6/8/2018						0.32 (U)	0.0462 (U)
10/8/2018	0.64	0.636		0.799	0.682		
10/9/2018							0.584
10/16/2018			0.731				
10/18/2018						0.304 (U)	
1/2/2019						0.217 (U)	
2/20/2019	0.222 (U)	0.147 (U)	0.573	0.0684 (U)	0.278 (U)	0.139 (U)	0.114 (U)
4/1/2019	0.36	-0.138 (U)	0.0499 (U)				
4/2/2019				0.167 (U)	-0.0476 (U)	0.336 (U)	0.11 (U)
9/17/2019	0.143 (U)	0.264 (U)	0.441 (U)	0.558	0.235 (U)	0.449	0.302 (U)
2/19/2020	0.218 (U)	0.0061 (U)	0.415 (U)	0.0321 (U)	0.217 (U)		0.308 (U)
2/20/2020						0.22 (U)	
3/23/2020							0.171 (U)
3/24/2020					0.426		
3/26/2020						0.366 (U)	
3/27/2020	0.235 (U)	0.206 (U)	0.39 (U)	0.305 (U)			
9/14/2020	0.613						
9/15/2020		0.131 (U)	0.546	-0.0426 (U)	0.661	1.74	1.55
2/9/2021	0.307 (U)	-0.121 (U)	0.222 (U)	-0.00967 (U)			
2/10/2021					0.55	0.423 (U)	0.235 (U)
3/30/2021						0.439 (U)	0.511
3/31/2021			0.311 (U)				
4/1/2021				0.0901 (U)	0.0517 (U)		
4/6/2021		-0.0391 (U)					
4/7/2021	0.356 (U)						
8/18/2021					0.13 (U)	0.277 (U)	
8/19/2021	0.228 (U)	-0.0806 (U)	0.518	0.037 (U)			-0.0514 (U)
2/10/2022				0.595		0.244 (U)	
2/11/2022	0.631		0.5		0.233 (U)		0.456 (U)
2/14/2022		0.377 (U)					

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
8/18/2022	0.377 (U)						
8/19/2022		0.378 (U)	0.459				
8/22/2022							0.356 (U)
8/23/2022						0.345 (U)	
8/31/2022				0.31 (U)	0.434 (U)		
2/22/2023					0.0917 (U)	0.0285 (U)	0.297 (U)
2/23/2023	0.506 (U)	0.0406 (U)	0.0665 (U)	0.183 (U)			
8/2/2023	0.631						
8/7/2023			0.819		0.262 (U)	-0.16 (U)	0.132 (U)
8/8/2023		0.177 (U)		0.0269 (U)			
2/20/2024							0.544
2/23/2024	0.242 (U)						
2/26/2024			0.353 (U)	0.633	0.559 (U)		
2/27/2024		0.788				0.591	
8/1/2024	0.133 (U)	0.159 (U)	0.643	0.219 (U)			0.419 (U)
8/5/2024					0.199 (U)	-0.0506 (U)	
2/19/2025	0.0616 (U)	0.0778 (U)		0.0992 (U)	0.173 (U)		
2/20/2025			0.586 (U)				
2/21/2025						-0.00614 (U)	-0.32 (U)
Mean	0.3157	0.2142	0.389	0.2326	0.2833	0.3213	0.2724
Std. Dev.	0.238	0.2601	0.2124	0.2215	0.1946	0.3402	0.3349
Upper Lim.	0.4293	0.3383	0.4903	0.3383	0.3762	0.433	0.419
Lower Lim.	0.2022	0.09009	0.2877	0.1269	0.1905	0.139	0.114

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
5/12/2016	0.556	0.216 (U)	0.285 (U)	0.801			
6/29/2016	0.162	0.253	1.1	0.423			
8/19/2016			0.367 (U)	0.869			
8/22/2016	0.433 (U)	0.115 (U)					
10/18/2016	0.741	0.593	0.276 (U)	0.881			
12/7/2016		0.897	0.318 (U)	0.455			
12/8/2016	1.06						
2/15/2017				0.635			
2/16/2017	0.382 (U)	0.132 (U)	0.168 (U)				
4/13/2017	0.189 (U)	0.287 (U)	0.3 (U)	0.413			
6/28/2017	0.84	0.143 (U)	0.0844 (U)	0.331 (U)			
3/27/2018				0.61			
3/28/2018	0.334 (U)	0.38	0.0661 (U)				
6/7/2018	0.235 (U)	0.514	0.222 (U)	0.64			
10/8/2018		0.374	0.499	0.437			
10/18/2018	0.399						0.882
1/10/2019						0.328 (U)	
2/19/2019			0.532	0.301 (U)			
2/20/2019	0.353	0.239 (U)					
4/2/2019	0.271 (U)	0.218 (U)	0.313 (U)	0.516			
9/17/2019	0.591	-0.04 (U)					
9/18/2019			0.101 (U)	0.285 (U)			
2/18/2020	0.474	0.287 (U)	0.0109 (U)	0.399		0.163 (U)	
3/23/2020	0.258 (U)	0.384					
3/24/2020			0.188 (U)	0.183 (U)			
9/15/2020	0.831	1.6	1.82	1.03			
2/10/2021	0.331 (U)	0.5	0.167 (U)	0.46			
3/30/2021	0.572	0.955					
3/31/2021			0.0687 (U)	0.37 (U)			
8/18/2021		0.505	0.026 (U)	0.603			
8/19/2021	-0.21 (U)						
2/8/2022					-0.0564 (U)	0.0627 (U)	
2/9/2022							0.31 (U)
2/10/2022			0.346 (U)	0.204 (U)			
2/11/2022	0.259 (U)	0.689					
8/22/2022	0.475 (U)	0.565	0.632	0.0738 (U)			
8/23/2022						0.432 (U)	
8/24/2022					0.234 (U)		0.125 (U)
2/22/2023	0.154 (U)						
2/23/2023		0.526 (U)	0.322 (U)	0.314 (U)	-0.0151 (U)	0.413 (U)	0.255 (U)
8/1/2023						0.451 (U)	0.207 (U)
8/2/2023					0.262 (U)		
8/7/2023	0.0467 (U)		0.268 (U)				
8/8/2023		0.496 (U)		0.0999 (U)			
2/21/2024			0.289 (U)	0.412 (U)	0.00672 (U)		
2/26/2024	0.357 (U)						5.77
2/27/2024		2.32					
2/28/2024						0.103 (U)	
5/6/2024							-0.0141 (U)
8/1/2024							0.768
8/2/2024	-0.0292 (U)	0.516 (U)	0.843 (U)	0.358 (U)			
8/5/2024					-0.0162 (U)	0.127 (U)	

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
2/19/2025					0.124 (U)	0.371 (U)	
2/20/2025	0.218 (U)	0.603 (U)	0.0727 (U)				
2/21/2025				0.869			-0.293 (U)
Mean	0.3808	0.5284	0.3587	0.4805	0.077	0.2723	0.89
Std. Dev.	0.2772	0.4825	0.3835	0.2476	0.1297	0.1564	1.865
Upper Lim.	0.513	0.593	0.4434	0.5986	0.2311	0.4233	1.972
Lower Lim.	0.2486	0.239	0.1654	0.3623	-0.0771	0.1213	-0.001201

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018						0.551 (U)	
10/17/2018	0.0623 (U)						
10/18/2018		1.59	0.698	0.188 (U)	1.64		
2/19/2020			0.216 (U)				
2/9/2022	0.332 (U)		0.229 (U)	0.274 (U)	0.412 (U)	0.237 (U)	
2/10/2022		0.366 (U)					0.418 (U)
8/22/2022				0.401 (U)			
8/23/2022	0.565	0.986					
8/24/2022			0.456		0.241 (U)	0.0981 (U)	0.458
2/23/2023			0.168 (U)	0.651			
2/24/2023	0.131 (U)	0.714			0.602		-0.097 (U)
2/28/2023						-0.0607 (U)	
8/1/2023		0.488 (U)					
8/2/2023	0.537 (U)		-0.192 (U)	0.426 (U)	0.256 (U)	-0.0242 (U)	0.374 (U)
2/23/2024						1.33	0.912
2/27/2024	0.503 (U)	1.88	0.0662 (U)	0.116 (U)	0.518 (U)		
8/1/2024						0.567	
8/2/2024					0.122 (U)		0.669
8/5/2024		0.228 (U)		0.324 (U)			
8/6/2024	-0.113 (U)		-0.145 (U)				
2/20/2025		0.363 (U)		1.35			
2/21/2025			0.457 (U)				
2/24/2025	0.112 (U)				0.0441 (U)	0.0662 (U)	0.347 (U)
Mean	0.2662	0.8269	0.217	0.4663	0.4794	0.3456	0.4401
Std. Dev.	0.2537	0.613	0.2893	0.3925	0.506	0.4649	0.3102
Upper Lim.	0.535	1.477	0.4964	0.8268	0.9349	1.026	0.8086
Lower Lim.	-0.002713	0.1771	-0.06232	0.1377	0.07654	-0.001786	0.07166

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	0.133 (J)	0.245 (J)	0.362	0.076 (J)	0.019 (J)	0.033 (J)	0.11 (J)
6/27/2016	0.21 (J)	0.23 (J)	0.45				
6/28/2016					<0.2	0.08 (J)	0.18 (J)
6/29/2016				0.13 (J)			
8/17/2016	0.14 (J)	0.22	0.54		<0.2	<0.2	
8/18/2016							0.12 (J)
8/22/2016				<0.2			
10/17/2016	0.11 (J)		0.51		<0.2	<0.2	0.082 (J)
10/18/2016		0.24		<0.2			
12/6/2016	0.14 (J)	0.26	0.58		<0.2	<0.2	0.11 (J)
12/7/2016				<0.2			
2/14/2017	0.2	0.17 (J)	0.39				
2/15/2017					<0.2	<0.2	0.13 (J)
2/16/2017				0.097 (J)			
4/12/2017	0.089 (J)	0.2	0.41		<0.2	<0.2	0.088 (J)
4/13/2017				<0.2			
6/27/2017	0.085 (J)	0.23	0.47	<0.2	<0.2	<0.2	0.1 (J)
10/11/2017	0.089 (J)	0.21				<0.2	<0.2
10/12/2017			0.47	<0.2	<0.2		
3/27/2018	<0.2	0.19 (J)	0.4		<0.2	<0.2	<0.2
3/28/2018				<0.2			
6/6/2018	<0.2	0.2	0.4	<0.2	<0.2	<0.2	<0.2
10/8/2018	<0.2						<0.2
10/9/2018		0.2	0.47	<0.2	<0.2		
10/16/2018						<0.2	
2/20/2019	0.092 (J)	0.2	0.32	0.074 (J)	<0.2	<0.2	0.052 (J)
4/1/2019		0.12 (J)	0.21	0.041 (J)	<0.2	<0.2	0.048 (J)
4/2/2019	0.1 (J)						
9/16/2019	0.099 (J)			0.057 (J)		<0.2	0.065 (J)
9/17/2019		0.2	0.47		<0.2		
2/18/2020	0.11	0.2	0.38			<0.2	
2/19/2020				0.061 (J)	<0.2		0.064 (J)
3/25/2020	0.13		0.31	0.079 (J)	0.031 (J)	0.058 (J)	
3/26/2020		0.14					0.081 (J)
9/14/2020	0.076 (J)	0.11	0.29	0.037 (J)	<0.2	<0.2	0.042 (J)
2/9/2021	0.12	0.22	0.37	0.05 (J)	<0.2	<0.2	0.074 (J)
3/31/2021				0.073 (J)	0.047 (J)		
4/1/2021	0.14	0.25	0.38				
4/7/2021						<0.2	0.066 (J)
8/18/2021	0.19	0.31	0.48				
8/19/2021				0.078 (J)	<0.2	<0.2	
8/20/2021							0.082 (J)
2/9/2022	0.19	0.27					
2/10/2022			0.44	0.098 (J)		<0.2	0.06 (J)
2/11/2022					0.03 (J)		
8/18/2022		0.14	0.54	0.51		0.034 (J)	0.052 (J)
8/19/2022	0.12				<0.2		
2/22/2023	0.11	0.16	0.52	0.076 (J)	0.045 (J)	0.063 (J)	
2/23/2023							0.089 (J)
8/1/2023	0.13						
8/2/2023						<0.2	
8/7/2023				0.11	<0.2		0.078 (J)

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
8/8/2023		0.21	0.78				
2/20/2024	<0.2						
2/21/2024		<0.2	1.1 (J)	<0.2			
2/23/2024					<0.2	<0.2	<0.2
7/31/2024		0.17					
8/1/2024	0.11		0.64	<0.2		<0.2	<0.2
8/5/2024					<0.2		
2/19/2025		0.23	0.17 (J)	<0.2	<0.2		<0.2
2/20/2025	<0.2					<0.2	
Mean	0.1398	0.2009	0.459	0.1445	0.1704	0.1739	0.1133
Std. Dev.	0.04474	0.04929	0.1766	0.0963	0.06474	0.05762	0.05816
Upper Lim.	0.1219	0.2239	0.5239	0.09532	0.2	0.2	0.08978
Lower Lim.	0.09328	0.1779	0.372	0.05954	0.047	0.08	0.06377

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
5/12/2016	0.042 (J)	0.031 (J)	0.1071 (J)	0.011 (J)	0.066 (J)		
5/13/2016						0.0343 (J)	0.0126 (J)
6/28/2016	0.15 (J)	0.03 (J)	0.26 (J)	0.09 (J)			
6/29/2016					0.17 (J)		0.18 (J)
6/30/2016						0.18 (J)	
8/18/2016	<0.2	<0.2	0.14 (J)	<0.2	<0.2		
8/22/2016						<0.2	<0.2
10/17/2016	<0.2	<0.2					
10/18/2016			0.12 (J)	<0.2			<0.2
10/19/2016					<0.2	<0.2	
12/6/2016	<0.2						
12/7/2016		<0.2	0.13 (J)	<0.2	<0.2	<0.2	
12/8/2016							<0.2
2/15/2017	<0.2	<0.2	0.12 (J)		0.089 (J)		
2/16/2017				<0.2		<0.2	<0.2
4/12/2017	<0.2	<0.2	0.11 (J)				
4/13/2017				<0.2	<0.2	<0.2	<0.2
6/27/2017	<0.2	<0.2	0.13 (J)	<0.2	<0.2		
6/28/2017						<0.2	<0.2
10/11/2017	<0.2	<0.2					
10/12/2017			0.13 (J)	<0.2	<0.2	<0.2	<0.2
3/27/2018	<0.2	<0.2	0.12 (J)	<0.2	<0.2		
3/28/2018						<0.2	<0.2
6/7/2018	<0.2	<0.2	0.14 (J)	<0.2	<0.2		
6/8/2018						<0.2	<0.2
10/8/2018	<0.2	<0.2		<0.2	<0.2		
10/9/2018							<0.2
10/16/2018			0.14 (J)				
10/18/2018						<0.2	
1/2/2019						<0.2	
2/20/2019	<0.2	<0.2	0.33	<0.2	0.034 (J)	<0.2	<0.2
4/1/2019	<0.2	<0.2	0.072 (J)				
4/2/2019				<0.2	0.045 (J)	0.05 (J)	<0.2
9/17/2019	0.04 (J)	0.028 (J)	0.1	<0.2	0.047 (J)	0.034 (J)	<0.2
2/19/2020	0.027 (J)	0.026 (J)	0.13	<0.2	0.046 (J)		<0.2
2/20/2020						<0.2	
3/23/2020							0.057 (J)
3/24/2020					0.058 (J)		
3/26/2020						0.091 (J)	
3/27/2020	0.045 (J)	0.041 (J)	0.13	0.027 (J)			
9/14/2020	<0.2						
9/15/2020		0.04 (J)	0.15	0.037 (J)	0.052 (J)	<0.2	<0.2
2/9/2021	<0.2	<0.2	0.14	<0.2			
2/10/2021					0.03 (J)	<0.2	<0.2
3/30/2021						0.1 (J)	<0.2
3/31/2021			0.12				
4/1/2021				<0.2	0.051 (J)		
4/6/2021		<0.2					
4/7/2021	0.053 (J)						
8/18/2021					0.087 (J)	0.099 (J)	
8/19/2021	<0.2	<0.2	0.12	0.038 (J)			<0.2
2/10/2022				<0.2		0.039 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
2/11/2022	0.045 (J)		0.14		0.064 (J)		<0.2
2/14/2022		0.035 (J)					
8/18/2022	0.038 (J)						
8/19/2022		<0.2	0.11				
8/22/2022							0.041 (J)
8/23/2022						0.1 (J)	
8/31/2022				0.058 (J)	0.058 (J)		
2/22/2023					0.06 (J)	0.061 (J)	0.046 (J)
2/23/2023	0.077 (J)	0.068 (J)	0.11	0.045 (J)			
8/2/2023	<0.2						
8/7/2023			0.13		0.076 (J)	0.043 (J)	<0.2
8/8/2023		<0.2		<0.2			
2/20/2024							<0.2
2/23/2024	<0.2						
2/26/2024			<0.2	<0.2	<0.2		
2/27/2024		<0.2				<0.2	
8/1/2024	<0.2	<0.2	<0.2	<0.2			<0.2
8/5/2024					<0.2	<0.2	
2/19/2025	<0.2	<0.2		<0.2	<0.2		
2/20/2025			<0.2				
2/21/2025						<0.2	<0.2
Mean	0.1542	0.1535	0.1332	0.1609	0.1226	0.1528	0.1763
Std. Dev.	0.07077	0.07513	0.0497	0.06992	0.07246	0.06689	0.05749
Upper Lim.	0.2	0.2	0.14	0.2	0.2	0.2	0.2
Lower Lim.	0.077	0.068	0.11	0.09	0.058	0.099	0.18

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
5/12/2016	0.259 (J)	0.079 (J)	0.029 (J)	0.0341 (J)			
6/29/2016	0.45	0.15 (J)	0.04 (J)	0.04 (J)			
8/19/2016			<0.2	<0.2			
8/22/2016	0.33	0.083 (J)					
10/18/2016	0.26	<0.2	<0.2	<0.2			
12/7/2016		<0.2	<0.2	<0.2			
12/8/2016	0.28						
2/15/2017				0.092 (J)			
2/16/2017	0.28	0.12 (J)	0.1 (J)				
4/13/2017	0.2	<0.2	<0.2	<0.2			
6/28/2017	0.22	0.1 (J)	<0.2	<0.2			
10/12/2017	0.18 (J)	<0.2	<0.2	<0.2			
3/27/2018				<0.2			
3/28/2018	0.19 (J)	<0.2	<0.2				
6/7/2018	0.21	<0.2	<0.2	<0.2			
10/8/2018		<0.2	<0.2	<0.2			
10/18/2018	0.23						<0.2
1/10/2019						<0.2	
2/19/2019			<0.2	0.055 (J)			
2/20/2019	0.2	0.051 (J)					
4/2/2019	0.15 (J)	0.066 (J)	<0.2	0.036 (J)			
9/17/2019	0.14	0.077 (J)					
9/18/2019			0.028 (J)	0.044 (J)			
2/13/2020						<0.2	
2/18/2020	0.16	0.073 (J)	<0.2	0.082 (J)			
3/23/2020	0.25	0.11					
3/24/2020			<0.2	0.081 (J)			
9/15/2020	0.15	0.061 (J)	<0.2	0.052 (J)			
2/10/2021	0.19	0.049 (J)	<0.2	0.046 (J)			
3/30/2021	0.18	0.074 (J)					
3/31/2021			<0.2	0.046 (J)			
8/18/2021		0.12	0.054 (J)	0.11			
8/19/2021	0.17						
2/8/2022					<0.2	<0.2	
2/9/2022							0.028 (J)
2/10/2022			<0.2	0.066 (J)			
2/11/2022	0.14	0.092 (J)					
8/22/2022	0.22	0.09 (J)	0.038 (J)	0.052 (J)			
8/23/2022						0.029 (J)	
8/24/2022					0.069 (J)		0.046 (J)
2/22/2023	0.13						
2/23/2023		0.087 (J)	0.075 (J)	0.089 (J)	0.042 (J)	0.043 (J)	0.049 (J)
8/1/2023						<0.2	0.052 (J)
8/2/2023					<0.2		
8/7/2023	0.18		0.04 (J)				
8/8/2023		0.097 (J)		0.077 (J)			
2/21/2024			<0.2	<0.2	<0.2		
2/26/2024	<0.2						<0.2
2/27/2024		<0.2					
2/28/2024						<0.2	
8/1/2024							<0.2
8/2/2024	<0.2	<0.2	<0.2	0.082 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
8/5/2024					<0.2	<0.2	
2/19/2025					<0.2	<0.2	
2/20/2025	<0.2	<0.2	<0.2				
2/21/2025				<0.2			<0.2
Mean	0.2018	0.1278	0.1573	0.1173	0.1587	0.1636	0.1219
Std. Dev.	0.07564	0.0585	0.06995	0.06999	0.07094	0.0724	0.08382
Upper Lim.	0.2371	0.2	0.2	0.2	0.2	0.2	0.2
Lower Lim.	0.1664	0.079	0.1	0.052	0.042	0.029	0.028

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018						<0.2	
10/17/2018	0.087 (J)						
10/18/2018		<0.2	<0.2	0.083 (J)	<0.2		
2/19/2020			<0.2				
2/9/2022	<0.2		<0.2	0.033 (J)	0.028 (J)	<0.2	
2/10/2022		<0.2					0.15
8/22/2022				0.043 (J)			
8/23/2022	0.043 (J)	0.036 (J)					
8/24/2022			0.035 (J)		0.037 (J)	0.031 (J)	0.21
2/23/2023			0.06 (J)	0.079 (J)			
2/24/2023	0.062 (J)	0.047 (J)			0.042 (J)		0.083 (J)
2/28/2023						0.034 (J)	
8/1/2023		<0.2					
8/2/2023	0.04 (J)		<0.2	0.053 (J)	<0.2	<0.2	0.087 (J)
2/23/2024						<0.2	<0.2
2/27/2024	<0.2	<0.2	<0.2	<0.2	<0.2		
8/1/2024						<0.2	
8/2/2024					<0.2		<0.2
8/5/2024		<0.2		<0.2			
8/6/2024	<0.2		<0.2				
2/20/2025		<0.2		<0.2			
2/21/2025			<0.2				
2/24/2025	<0.2				<0.2	<0.2	<0.2
Mean	0.129	0.1604	0.1661	0.1114	0.1384	0.1581	0.1614
Std. Dev.	0.07721	0.07343	0.06754	0.07525	0.08514	0.07754	0.05574
Upper Lim.	0.2	0.2	0.2	0.07964	0.2	0.2	0.21
Lower Lim.	0.04	0.036	0.035	0.03768	0.028	0.031	0.083

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-10	SGWC-12	SGWC-13	SGWC-14
5/11/2016	<0.001	<0.001	<0.001	<0.001	<0.001		
5/12/2016						<0.001	<0.001
6/27/2016	<0.001	<0.001	<0.001				
6/28/2016				<0.001	<0.001	<0.001	<0.001
8/17/2016	<0.001	0.00085 (J)	<0.001	<0.001			
8/18/2016					<0.001	<0.001	<0.001
10/17/2016	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
10/18/2016		<0.001					
12/6/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
12/7/2016							<0.001
2/14/2017	<0.001	<0.001	<0.001				
2/15/2017				<0.001	<0.001	<0.001	<0.001
4/12/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/27/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2018	<0.001	<0.001	<0.001	<0.001	<0.001	0.00039 (J)	<0.001
6/6/2018	<0.001	<0.001	<0.001	<0.001	<0.001		
6/7/2018						<0.001	<0.001
10/8/2018	<0.001				<0.001	<0.001	<0.001
10/9/2018		<0.001	<0.001	<0.001			
2/20/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2019		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/2/2019	<0.001						
9/16/2019	<0.001				<0.001		
9/17/2019		<0.001	<0.001	0.00013 (J)		<0.001	0.00016 (J)
2/18/2020	<0.001	<0.001	<0.001				
2/19/2020				0.00014 (J)	<0.001	<0.001	<0.001
3/25/2020	0.0002 (J)		0.00029 (J)	<0.001			
3/26/2020		<0.001			<0.001		
3/27/2020						<0.001	0.00066 (J)
9/14/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
9/15/2020							<0.001
2/9/2021	<0.001	0.00014 (J)	0.00062 (J)	0.00013 (J)	<0.001	<0.001	<0.001
3/31/2021				<0.001			
4/1/2021	<0.001	0.00015 (J)	<0.001				
4/6/2021							<0.001
4/7/2021					<0.001	<0.001	
8/18/2021	<0.001	<0.001	<0.001				
8/19/2021				<0.001		<0.001	<0.001
8/20/2021					<0.001		
2/9/2022	<0.001	<0.001					
2/10/2022			<0.001		0.0002 (J)		
2/11/2022				<0.001		<0.001	
2/14/2022							<0.001
8/18/2022		<0.001	<0.001		<0.001	<0.001	
8/19/2022	<0.001			<0.001			0.00028 (J)
2/22/2023	<0.001	<0.001	<0.001	<0.001			
2/23/2023					<0.001	<0.001	<0.001
8/1/2023	<0.001						
8/2/2023						<0.001	
8/7/2023				<0.001	<0.001		
8/8/2023		<0.001	<0.001				<0.001
2/20/2024	<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-10	SGWC-12	SGWC-13	SGWC-14
2/21/2024		<0.001	<0.001				
2/23/2024				<0.001	<0.001	0.00038 (J)	
2/27/2024							<0.001
7/31/2024		<0.001					
8/1/2024	<0.001		<0.001		<0.001	<0.001	<0.001
8/5/2024				<0.001			
2/19/2025		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/20/2025	0.00054 (J)						
Mean	0.0009533	0.0009311	0.0009596	0.0009037	0.0009704	0.0009544	0.0009296
Std. Dev.	0.0001746	0.0002284	0.0001525	0.0002776	0.000154	0.0001641	0.0002154
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.00054	0.00085	0.00062	0.00014	0.0002	0.00039	0.00066

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21
5/12/2016	<0.001	<0.001	<0.001			<0.001	<0.001
5/13/2016				<0.001	<0.001		
6/28/2016	<0.001	<0.001					
6/29/2016			<0.001		<0.001	0.0005 (J)	9E-05 (J)
6/30/2016				<0.001			
8/18/2016	<0.001	<0.001	<0.001				
8/22/2016				<0.001	<0.001	<0.001	<0.001
10/18/2016	<0.001	<0.001			<0.001	<0.001	<0.001
10/19/2016			<0.001	<0.001			
12/7/2016	<0.001	<0.001	<0.001	<0.001			<0.001
12/8/2016					<0.001	<0.001	
2/15/2017	<0.001		<0.001				
2/16/2017		<0.001		<0.001	<0.001	0.00035 (J)	<0.001
4/12/2017	<0.001						
4/13/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/27/2017	<0.001	<0.001	<0.001				
6/28/2017				<0.001	<0.001	0.00041 (J)	<0.001
3/27/2018	<0.001	<0.001	<0.001				
3/28/2018				<0.001	<0.001	<0.001	<0.001
6/7/2018	<0.001	<0.001	<0.001			<0.001	<0.001
6/8/2018				<0.001	<0.001		
10/8/2018		<0.001	<0.001				<0.001
10/9/2018					<0.001		
10/16/2018	<0.001						
10/18/2018				<0.001		<0.001	
1/2/2019				<0.001			
2/20/2019	<0.001	<0.001	<0.001	<0.001	<0.001	0.00027 (J)	<0.001
4/1/2019	<0.001						
4/2/2019		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/17/2019	<0.001	<0.001	<0.001	<0.001	<0.001	0.00025 (J)	<0.001
2/18/2020						0.00025 (J)	<0.001
2/19/2020	<0.001	<0.001	<0.001		<0.001		
2/20/2020				<0.001			
3/23/2020					<0.001	0.00023 (J)	<0.001
3/24/2020			<0.001				
3/26/2020				<0.001			
3/27/2020	0.00023 (J)	0.00013 (J)					
9/15/2020	<0.001	<0.001	<0.001	<0.001	<0.001	0.00017 (J)	0.00022 (J)
2/9/2021	<0.001	<0.001					
2/10/2021			0.00017 (J)	0.00029 (J)	<0.001	0.0003 (J)	0.00016 (J)
3/30/2021				<0.001	<0.001	0.00018 (J)	0.0002 (J)
3/31/2021	<0.001						
4/1/2021		<0.001	<0.001				
8/18/2021			<0.001	0.00071 (J)			0.00041 (J)
8/19/2021	<0.001	<0.001			<0.001	0.00034 (J)	
2/10/2022		<0.001		<0.001			
2/11/2022	<0.001		<0.001		0.00033 (J)	0.00021 (J)	<0.001
8/19/2022	<0.001						
8/22/2022					<0.001	0.00028 (J)	0.0002 (J)
8/23/2022				<0.001			
8/31/2022		<0.001	<0.001				
2/22/2023			<0.001	<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21
2/23/2023	<0.001	<0.001					<0.001
8/7/2023	<0.001		<0.001	<0.001	<0.001	<0.001	
8/8/2023		<0.001					<0.001
2/20/2024					<0.001		
2/26/2024	<0.001	<0.001	<0.001			<0.001	
2/27/2024				<0.001			<0.001
8/1/2024	<0.001	<0.001			<0.001		
8/2/2024						<0.001	<0.001
8/5/2024			<0.001	<0.001			
2/19/2025		<0.001	<0.001				
2/20/2025	<0.001					<0.001	0.0047
2/21/2025				<0.001	<0.001		
Mean	0.0009715	0.0009678	0.0009693	0.0009643	0.0009752	0.000657	0.0009622
Std. Dev.	0.0001482	0.0001674	0.0001597	0.000143	0.0001289	0.0003682	0.0008186
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.00023	0.00013	0.00017	0.00071	0.00033	0.00027	0.00041

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-22	SGWC-23	PZ-13S	PZ-42I
5/12/2016	<0.001	<0.001		
6/29/2016	<0.001	9E-05 (J)		
8/19/2016	<0.001	<0.001		
10/18/2016	<0.001	<0.001		
12/7/2016	<0.001	<0.001		
2/15/2017		<0.001		
2/16/2017	<0.001			
4/13/2017	<0.001	<0.001		
6/28/2017	<0.001	<0.001		
3/27/2018		<0.001		
3/28/2018	<0.001			
6/7/2018	<0.001	<0.001		
10/8/2018	<0.001	<0.001		
10/18/2018				<0.001
2/19/2019	<0.001	<0.001		
4/2/2019	<0.001	<0.001		
9/18/2019	<0.001	<0.001		
2/18/2020	0.00018 (J)	<0.001		
3/24/2020	<0.001	<0.001		
9/15/2020	0.00019 (J)	<0.001		
2/10/2021	0.00016 (J)	<0.001		
3/31/2021	0.00015 (J)	<0.001		
8/18/2021	<0.001	<0.001		
2/8/2022			<0.001	
2/9/2022				<0.001
2/10/2022	<0.001	<0.001		
8/22/2022	0.00017 (J)	<0.001		0.00019 (J)
8/24/2022			<0.001	
2/23/2023	<0.001	<0.001	<0.001	<0.001
8/2/2023			<0.001	<0.001
8/7/2023	<0.001			
8/8/2023		<0.001		
2/21/2024	<0.001	<0.001	<0.001	
2/27/2024				<0.001
8/2/2024	<0.001	<0.001		
8/5/2024			<0.001	<0.001
2/19/2025			0.00069 (J)	
2/20/2025	<0.001			<0.001
2/21/2025		<0.001		
Mean	0.0008463	0.0009663	0.0009557	0.0008988
Std. Dev.	0.0003286	0.0001751	0.0001172	0.0002864
Upper Lim.	0.001	0.001	0.001	0.001
Lower Lim.	0.00019	9E-05	0.00069	0.00019

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
6/27/2016	<0.005	0.0031 (J)	0.0013 (J)				
6/28/2016					<0.005	0.0013 (J)	<0.005
6/29/2016				<0.005			
8/17/2016	<0.005	0.0046 (J)	<0.005		<0.005	<0.005	
8/18/2016							<0.005
8/22/2016				<0.005			
10/17/2016	<0.005		<0.005		<0.005	<0.005	<0.005
10/18/2016		0.0036 (J)		<0.005			
12/6/2016	<0.005	0.0043 (J)	<0.005		<0.005	<0.005	<0.005
12/7/2016				<0.005			
2/14/2017	<0.005	0.0043 (J)	<0.005				
2/15/2017					<0.005	<0.005	<0.005
2/16/2017				<0.005			
4/12/2017	<0.005	0.0051	<0.005		<0.005	<0.005	<0.005
4/13/2017				<0.005			
6/27/2017	<0.005	0.0033 (J)	<0.005	<0.005	<0.005	<0.005	<0.005
3/27/2018	<0.005	0.0061	0.0023 (J)		<0.005	0.0029 (J)	<0.005
3/28/2018				<0.005			
6/6/2018	<0.005	0.004 (J)	0.0018 (J)	<0.005	<0.005	0.0017 (J)	<0.005
10/8/2018	<0.005						<0.005
10/9/2018		0.0053	0.002 (J)	<0.005	<0.005		
10/16/2018						0.0031 (J)	
2/20/2019	<0.005	0.006	<0.005	<0.005	<0.005	0.0031 (J)	<0.005
4/1/2019		0.0058	0.0021 (J)	<0.005	<0.005	0.0017 (J)	0.0011 (J)
4/2/2019	<0.005						
9/16/2019	<0.005			<0.005		<0.005	<0.005
9/17/2019		0.0049	<0.005		<0.005		
2/18/2020	<0.005	0.0052	<0.005			<0.005	
2/19/2020				<0.005	<0.005		<0.005
3/25/2020	<0.005		<0.005	<0.005	<0.005	<0.005	
3/26/2020		0.006					<0.005
9/14/2020	<0.005	0.0051	<0.005	<0.005	<0.005	<0.005	<0.005
2/9/2021	<0.005	0.0052	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2021				<0.005	<0.005		
4/1/2021	<0.005	0.0053	<0.005				
4/7/2021						<0.005	<0.005
8/18/2021	<0.005	0.0034 (J)	<0.005				
8/19/2021				<0.005	<0.005	<0.005	
8/20/2021							<0.005
2/9/2022	0.0013 (J)	0.0048 (J)					
2/10/2022			0.0015 (J)	<0.005		0.0022 (J)	<0.005
2/11/2022					<0.005		
8/18/2022		0.0061	0.0025 (J)	0.0014 (J)		0.0033 (J)	0.0012 (J)
8/19/2022	0.0023 (J)				0.0011 (J)		
2/22/2023	<0.005	0.0056	0.0014 (J)	<0.005	<0.005	0.0024 (J)	
2/23/2023							<0.005
8/1/2023	<0.005						
8/2/2023						<0.005	
8/7/2023				<0.005	<0.005		<0.005
8/8/2023		0.0041 (J)	<0.005				
2/20/2024	0.0046 (J)						

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
2/21/2024		0.003 (J)	<0.005	<0.005			
2/23/2024					<0.005	<0.005	<0.005
7/31/2024		0.002 (J)					
8/1/2024	0.004 (J)		<0.005	<0.005		0.0059	<0.005
8/5/2024					<0.005		
2/19/2025		0.0063	<0.005	<0.005	<0.005		<0.005
2/20/2025	<0.005					0.0043 (J)	
Mean	0.004711	0.00463	0.00407	0.004867	0.004856	0.004144	0.004715
Std. Dev.	0.0008746	0.001192	0.001477	0.0006928	0.0007506	0.001332	0.001028
Upper Lim.	0.005	0.005198	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.0046	0.004061	0.0023	0.0014	0.0011	0.0031	0.0012

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
5/12/2016	<0.005	<0.005	<0.005	<0.005	<0.005		
5/13/2016						<0.005	<0.005
6/28/2016	<0.005	<0.005	0.0024 (J)	<0.005			
6/29/2016					<0.005		<0.005
6/30/2016						0.0032 (J)	
8/18/2016	<0.005	<0.005	<0.005	<0.005	<0.005		
8/22/2016						<0.005	<0.005
10/17/2016	<0.005	<0.005					
10/18/2016			<0.005	<0.005			<0.005
10/19/2016					<0.005	0.0042 (J)	
12/6/2016	<0.005						
12/7/2016		<0.005	<0.005	<0.005	<0.005	<0.005	
12/8/2016							<0.005
2/15/2017	<0.005	<0.005	<0.005		<0.005		
2/16/2017				<0.005		0.0034 (J)	<0.005
4/12/2017	<0.005	<0.005	<0.005				
4/13/2017				<0.005	<0.005	<0.005	<0.005
6/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005		
6/28/2017						<0.005	<0.005
3/27/2018	<0.005	<0.005	0.0034 (J)	<0.005	0.0014 (J)		
3/28/2018						0.0056	<0.005
6/7/2018	<0.005	<0.005	0.003 (J)	<0.005	<0.005		
6/8/2018						0.0042 (J)	0.0022 (J)
10/8/2018	0.0014 (J)	0.0011 (J)		0.0015 (J)	<0.005		
10/9/2018							<0.005
10/16/2018			0.0034 (J)				
10/18/2018						0.0054	
1/2/2019						0.0055	
2/20/2019	<0.005	<0.005	0.0038 (J)	<0.005	<0.005	0.0054	<0.005
4/1/2019	<0.005	<0.005	0.0025 (J)				
4/2/2019				<0.005	<0.005	0.0041 (J)	0.0021 (J)
9/17/2019	<0.005	<0.005	0.0037	<0.005	<0.005	0.005	<0.005
2/19/2020	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
2/20/2020						0.0045 (J)	
3/23/2020							<0.005
3/24/2020					<0.005		
3/26/2020						0.0046 (J)	
3/27/2020	<0.005	<0.005	0.0038 (J)	<0.005			
9/14/2020	<0.005						
9/15/2020		<0.005	0.0037 (J)	<0.005	<0.005	0.0049 (J)	<0.005
2/9/2021	<0.005	<0.005	<0.005	<0.005			
2/10/2021					<0.005	0.0055	<0.005
3/30/2021						0.0043 (J)	<0.005
3/31/2021			<0.005				
4/1/2021				<0.005	<0.005		
4/6/2021		<0.005					
4/7/2021	<0.005						
8/18/2021					<0.005	0.0047 (J)	
8/19/2021	<0.005	<0.005	<0.005	<0.005			<0.005
2/10/2022				<0.005		0.0039 (J)	
2/11/2022	<0.005		0.0027 (J)		<0.005		0.0072
2/14/2022		<0.005					

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
8/18/2022	0.0012 (J)						
8/19/2022		0.0015 (J)	0.0038 (J)				
8/22/2022							0.0012 (J)
8/23/2022						0.0032 (J)	
8/31/2022				0.0012 (J)	<0.005		
2/22/2023					<0.005	0.0035 (J)	0.0015 (J)
2/23/2023	<0.005	<0.005	0.0022 (J)	<0.005			
8/2/2023	<0.005						
8/7/2023			<0.005		<0.005	<0.005	<0.005
8/8/2023		<0.005		<0.005			
2/20/2024							0.015
2/23/2024	<0.005						
2/26/2024			<0.005	<0.005	<0.005		
2/27/2024		0.0021 (J)				0.0069	
8/1/2024	0.0026 (J)	<0.005	0.0042 (J)	<0.005			0.0027 (J)
8/5/2024					<0.005	<0.005	
2/19/2025	0.0025 (J)	0.0035 (J)		0.0038 (J)	<0.005		
2/20/2025			0.0038 (J)				
2/21/2025						0.0026 (J)	0.016
Mean	0.004544	0.004563	0.004126	0.004685	0.004867	0.004629	0.005293
Std. Dev.	0.00114	0.001126	0.000969	0.0009894	0.0006928	0.0009083	0.003233
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.00465	0.0072
Lower Lim.	0.0026	0.0035	0.0034	0.0038	0.0014	0.003707	0.0027

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
5/12/2016	<0.005	<0.005	<0.005	<0.005			
6/29/2016	0.0043 (J)	<0.005	<0.005	0.0027 (J)			
8/19/2016			<0.005	<0.005			
8/22/2016	0.0051	<0.005					
10/18/2016	0.0038 (J)	<0.005	<0.005	0.0032 (J)			
12/7/2016		<0.005	<0.005	0.0043 (J)			
12/8/2016	0.0043 (J)						
2/15/2017				<0.005			
2/16/2017	0.0047 (J)	<0.005	<0.005				
4/13/2017	0.004 (J)	<0.005	<0.005	0.0036 (J)			
6/28/2017	0.0032 (J)	<0.005	<0.005	0.0032 (J)			
3/27/2018				0.005			
3/28/2018	0.0053	0.0038 (J)	0.0033 (J)				
6/7/2018	0.0038 (J)	0.0013 (J)	<0.005	0.0027 (J)			
10/8/2018		0.0019 (J)	0.0011 (J)	0.0035 (J)			
10/18/2018	0.0062						0.0017 (J)
1/10/2019						<0.005	
2/19/2019			<0.005	<0.005			
2/20/2019	0.0048 (J)	<0.005					
4/2/2019	0.0046 (J)	0.0027 (J)	0.0026 (J)	0.0041 (J)			
9/17/2019	0.0042	<0.005					
9/18/2019			<0.005	0.0043			
2/13/2020						<0.005	
2/18/2020	0.0036 (J)	<0.005	<0.005	<0.005			
3/23/2020	0.0045 (J)	<0.005					
3/24/2020			<0.005	<0.005			
9/15/2020	0.0037 (J)	<0.005	<0.005	<0.005			
2/10/2021	0.0047 (J)	<0.005	<0.005	<0.005			
3/30/2021	<0.005	<0.005					
3/31/2021			<0.005	<0.005			
4/2/2021						<0.005	
8/18/2021		<0.005	<0.005	<0.005		<0.005	
8/19/2021	0.0046 (J)						
2/8/2022					0.0025 (J)	0.0015 (J)	
2/9/2022							<0.005
2/10/2022			<0.005	0.0029 (J)			
2/11/2022	0.0037 (J)	0.0011 (J)					
8/22/2022	0.003 (J)	<0.005	0.00087 (J)	0.002 (J)			
8/23/2022						0.0011 (J)	
8/24/2022					0.0023 (J)		<0.005
2/22/2023	0.0025 (J)						
2/23/2023		<0.005	0.0019 (J)	0.0042 (J)	0.0033 (J)	0.0022 (J)	0.0016 (J)
8/1/2023						<0.005	<0.005
8/2/2023					<0.005		
8/7/2023	<0.005		<0.005				
8/8/2023		<0.005		<0.005			
2/21/2024			<0.005	0.0027 (J)	<0.005		
2/26/2024	<0.005						<0.005
2/27/2024		<0.005					
2/28/2024						<0.005	
8/1/2024							<0.005
8/2/2024	0.004 (J)	0.0033 (J)	<0.005	0.0034 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
8/5/2024					<0.005	<0.005	
2/19/2025					<0.005	0.0031 (J)	
2/20/2025	0.0071	<0.005	<0.005				
2/21/2025				0.0051			<0.005
Mean	0.004063	0.004411	0.004436	0.004144	0.004014	0.0039	0.004162
Std. Dev.	0.001133	0.001221	0.00127	0.0009846	0.001267	0.0016	0.001551
Upper Lim.	0.004603	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.003523	0.0038	0.0033	0.0034	0.0023	0.0015	0.0016

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018						0.069	
10/17/2018	0.0027 (J)						
10/18/2018		0.015	0.0029 (J)	0.004 (J)	0.0015 (J)		
2/19/2020			<0.005				
3/2/2020						<0.005	
3/31/2021						0.023	
4/7/2021						0.02	
8/18/2021						0.0095	
2/9/2022	0.012		<0.005	0.0026 (J)	0.0031 (J)	0.01	
2/10/2022		0.01					0.0029 (J)
8/22/2022				0.0036 (J)			
8/23/2022	0.022	0.01					
8/24/2022			0.00099 (J)		0.0032 (J)	0.011	0.0025 (J)
2/23/2023			<0.005	0.0064			
2/24/2023	0.0071	0.011			0.0046 (J)		0.0026 (J)
2/28/2023						0.014	
8/1/2023		0.0083					
8/2/2023	0.0063		<0.005	0.0055	<0.005	0.015	<0.005
2/23/2024						0.01	<0.005
2/27/2024	<0.005	0.0071	<0.005	0.0049 (J)	0.0038 (J)		
8/1/2024						0.06	
8/2/2024					0.0045 (J)		0.0045 (J)
8/5/2024		0.012		<0.005			
8/6/2024	0.0094		<0.005				
2/20/2025		0.013		0.028			
2/21/2025			0.0057				
2/24/2025	0.0025 (J)				<0.005	0.037	<0.005
Mean	0.008062	0.0108	0.004399	0.007187	0.003837	0.02342	0.003929
Std. Dev.	0.006614	0.002541	0.001489	0.008518	0.001203	0.02114	0.0012
Upper Lim.	0.01448	0.01349	0.0057	0.028	0.004556	0.03617	0.005
Lower Lim.	0.002234	0.008107	0.00099	0.0025	0.002344	0.008255	0.0025

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
6/27/2016	<0.0002	<0.0002	<0.0002				
6/28/2016					<0.0002	<0.0002	<0.0002
6/29/2016				<0.0002			
8/17/2016	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	
8/18/2016							<0.0002
8/22/2016				<0.0002			
10/17/2016	<0.0002		<0.0002		<0.0002	<0.0002	<0.0002
10/18/2016		<0.0002		<0.0002			
12/6/2016	0.00011 (J)	0.00011 (J)	7.6E-05 (J)		0.00013 (J)	0.0001 (J)	9.3E-05 (J)
12/7/2016				0.0001 (J)			
2/14/2017	<0.0002	<0.0002	<0.0002				
2/15/2017					<0.0002	<0.0002	<0.0002
2/16/2017				<0.0002			
4/12/2017	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
4/13/2017				<0.0002			
6/27/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/27/2018	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
3/28/2018				<0.0002			
6/6/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
10/8/2018	<0.0002						<0.0002
10/9/2018		<0.0002	<0.0002	<0.0002	<0.0002		
10/16/2018						<0.0002	
2/20/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/1/2019		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/2/2019	<0.0002						
9/16/2019	<0.0002			<0.0002		<0.0002	<0.0002
9/17/2019		<0.0002	<0.0002		<0.0002		
2/18/2020	<0.0002	<0.0002	<0.0002			<0.0002	
2/19/2020				<0.0002	<0.0002		<0.0002
3/25/2020	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	
3/26/2020		<0.0002					<0.0002
9/14/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/9/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/31/2021				<0.0002	<0.0002		
4/1/2021	<0.0002	<0.0002	<0.0002				
4/7/2021						<0.0002	<0.0002
8/18/2021	<0.0002	<0.0002	<0.0002				
8/19/2021				<0.0002	<0.0002	<0.0002	
8/20/2021							<0.0002
2/9/2022	<0.0002	<0.0002					
2/10/2022			<0.0002	<0.0002		<0.0002	<0.0002
2/11/2022					<0.0002		
8/18/2022		<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
8/19/2022	<0.0002				<0.0002		
2/22/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
2/23/2023							<0.0002
8/1/2023	<0.0002						
8/2/2023						<0.0002	
8/7/2023				<0.0002	<0.0002		<0.0002
8/8/2023		<0.0002	<0.0002				
2/20/2024	<0.0002						

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
2/21/2024		<0.0002	<0.0002	<0.0002			
2/23/2024					<0.0002	<0.0002	<0.0002
7/31/2024		<0.0002					
8/1/2024	<0.0002		<0.0002	<0.0002		<0.0002	<0.0002
8/5/2024					<0.0002		
2/19/2025		<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
2/20/2025	<0.0002					<0.0002	
Mean	0.0001967	0.0001967	0.0001954	0.0001963	0.0001974	0.0001963	0.000196
Std. Dev.	1.732E-05	1.732E-05	2.386E-05	1.925E-05	1.347E-05	1.925E-05	2.059E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lower Lim.	0.00011	0.00011	7.6E-05	0.0001	0.00013	0.0001	9.3E-05

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 5/8/2025 5:31 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-20
5/12/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
5/13/2016						<0.0002	
6/28/2016	<0.0002	<0.0002	<0.0002	<0.0002			
6/29/2016					<0.0002		<0.0002
6/30/2016						<0.0002	
8/18/2016	<0.0002	<0.0002	0.00011 (J)	<0.0002	<0.0002		
8/22/2016						0.00014 (J)	7.3E-05 (J)
10/17/2016	<0.0002	8.9E-05 (J)					
10/18/2016			0.00012 (J)	<0.0002			<0.0002
10/19/2016					<0.0002	<0.0002	
12/6/2016	0.00011 (J)						
12/7/2016		0.00012 (J)	0.00017 (J)	7.6E-05 (J)	0.00011 (J)	0.00014 (J)	
12/8/2016							<0.0002
2/15/2017	<0.0002	<0.0002	0.00011 (J)		<0.0002		
2/16/2017				<0.0002		8.4E-05 (J)	<0.0002
4/12/2017	<0.0002	<0.0002	7.2E-05 (J)				
4/13/2017				<0.0002	<0.0002	<0.0002	<0.0002
6/27/2017	<0.0002	<0.0002	8.4E-05 (J)	<0.0002	<0.0002		
6/28/2017						<0.0002	<0.0002
3/27/2018	<0.0002	0.0001 (J)	0.00014 (J)	<0.0002	<0.0002		
3/28/2018						8.3E-05 (J)	<0.0002
6/7/2018	<0.0002	<0.0002	0.00013 (J)	<0.0002	0.00011 (J)		8.2E-05 (J)
6/8/2018						0.00014 (J)	
10/8/2018	<0.0002	<0.0002		<0.0002	<0.0002		
10/16/2018			<0.0002				
10/18/2018						0.00021	<0.0002
1/2/2019						0.00024	
2/20/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00026	<0.0002
4/1/2019	<0.0002	<0.0002	<0.0002				
4/2/2019				<0.0002	<0.0002	0.0002	<0.0002
9/17/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00014 (J)	<0.0002
2/18/2020							<0.0002
2/19/2020	<0.0002	0.0002	0.00016 (J)	<0.0002	<0.0002		
2/20/2020						0.00022	
3/23/2020							<0.0002
3/24/2020					<0.0002		
3/26/2020						0.00019 (J)	
3/27/2020	<0.0002	<0.0002	0.00011 (J)	<0.0002			
9/14/2020	<0.0002						
9/15/2020		<0.0002	<0.0002	<0.0002	<0.0002	0.00013 (J)	<0.0002
2/9/2021	<0.0002	<0.0002	0.00013 (J)	<0.0002			
2/10/2021					<0.0002	0.00018 (J)	<0.0002
3/30/2021						0.00022	0.00013 (J)
3/31/2021			0.00018 (J)				
4/1/2021				<0.0002	<0.0002		
4/6/2021		<0.0002					
4/7/2021	<0.0002						
8/18/2021					0.00017 (J)	0.00022	
8/19/2021	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002
2/10/2022				<0.0002		<0.0002	
2/11/2022	<0.0002		<0.0002		<0.0002		<0.0002
2/14/2022		<0.0002					

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-20
8/18/2022	<0.0002						
8/19/2022		<0.0002	<0.0002				
8/31/2022				<0.0002	0.00013 (J)		
10/31/2022						<0.0002	<0.0002
2/22/2023					<0.0002	<0.0002	<0.0002
2/23/2023	<0.0002	<0.0002	<0.0002	<0.0002			
8/2/2023	<0.0002						
8/7/2023			0.0001 (J)		<0.0002	8.3E-05 (J)	<0.0002
8/8/2023		<0.0002		<0.0002			
2/23/2024	<0.0002						
2/26/2024			0.00013 (J)	<0.0002	9.1E-05 (J)		<0.0002
2/27/2024		<0.0002				<0.0002	
8/1/2024	<0.0002	<0.0002	8.9E-05 (J)	<0.0002			
8/2/2024							<0.0002
8/5/2024					<0.0002	<0.0002	
2/19/2025	<0.0002	8.1E-05 (J)		<0.0002	8.7E-05 (J)		
2/20/2025			0.00015 (J)				<0.0002
2/21/2025						<0.0002	
Mean	0.0001967	0.0001848	0.000155	0.0001954	0.0001814	0.0001814	0.0001883
Std. Dev.	1.732E-05	3.755E-05	4.467E-05	2.386E-05	3.788E-05	4.614E-05	3.468E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001824	0.0002
Lower Lim.	0.00011	0.00012	0.00012	7.6E-05	0.00017	0.0001241	0.00013

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-44I
5/12/2016	<0.0002	<0.0002	<0.0002		
6/29/2016	<0.0002	<0.0002	<0.0002		
8/19/2016		<0.0002	7.1E-05 (J)		
8/22/2016	<0.0002				
10/18/2016	<0.0002	<0.0002	<0.0002		
12/7/2016	0.0001 (J)	9.9E-05 (J)	0.00011 (J)		
2/15/2017			<0.0002		
2/16/2017	<0.0002	<0.0002			
4/13/2017	<0.0002	<0.0002	<0.0002		
6/28/2017	<0.0002	<0.0002	<0.0002		
3/27/2018			<0.0002		
3/28/2018	<0.0002	<0.0002			
6/7/2018	<0.0002	<0.0002	0.00028		
10/8/2018	<0.0002	<0.0002	<0.0002		
10/16/2018					8.4E-05 (J)
2/19/2019		<0.0002	<0.0002		
2/20/2019	<0.0002				
4/2/2019	<0.0002	<0.0002	<0.0002		
9/17/2019	<0.0002				
9/18/2019		<0.0002	<0.0002		
2/18/2020	<0.0002	<0.0002	0.00011 (J)		
3/23/2020	<0.0002				
3/24/2020		<0.0002	<0.0002		
9/15/2020	<0.0002	<0.0002	<0.0002		
2/10/2021	<0.0002	<0.0002	<0.0002		
3/30/2021	<0.0002				
3/31/2021		<0.0002	<0.0002		
8/18/2021	<0.0002	<0.0002	<0.0002		
2/8/2022				0.00022	
2/9/2022					<0.0002
2/10/2022		<0.0002	<0.0002		
2/11/2022	<0.0002				
8/24/2022				0.00024	<0.0002
10/31/2022	<0.0002	<0.0002	<0.0002		
2/23/2023	<0.0002	<0.0002	<0.0002	0.00015 (J)	
2/28/2023					<0.0002
8/2/2023				0.00016 (J)	<0.0002
8/7/2023		<0.0002			
8/8/2023	<0.0002		<0.0002		
2/21/2024		<0.0002	<0.0002	9.6E-05 (J)	
2/23/2024					<0.0002
2/27/2024	<0.0002				
8/1/2024					<0.0002
8/2/2024	<0.0002	<0.0002	<0.0002		
8/5/2024				0.00013 (J)	
2/19/2025				0.00069	
2/20/2025	<0.0002	<0.0002			
2/21/2025			<0.0002		
2/24/2025					<0.0002
Mean	0.0001963	0.0001963	0.0001915	0.0002409	0.0001855
Std. Dev.	1.925E-05	1.944E-05	3.788E-05	0.0002042	4.101E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0004163	0.0002

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-44I
Lower Lim.	0.0001	9.9E-05	0.00011	9.181E-05	8.4E-05

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-12	SGWC-14	SGWC-23
5/11/2016	<0.015	0.00343 (J)	<0.015	<0.015	<0.015		
5/12/2016						<0.015	<0.015
6/27/2016	0.0007 (J)	0.0033 (J)	0.0008 (J)				
6/28/2016					0.0012 (J)	<0.015	
6/29/2016				0.0021 (J)			<0.015
8/17/2016	<0.015	0.002 (J)	<0.015				
8/18/2016					0.0011 (J)	<0.015	
8/19/2016							<0.015
8/22/2016				0.00099 (J)			
10/17/2016	<0.015		<0.015		<0.015	<0.015	
10/18/2016		0.0012 (J)		0.0014 (J)			<0.015
12/6/2016	<0.015	0.0021 (J)	<0.015		<0.015		
12/7/2016				0.001 (J)		<0.015	<0.015
2/14/2017	<0.015	<0.015	<0.015				
2/15/2017					<0.015	0.003 (J)	<0.015
2/16/2017				<0.015			
4/12/2017	<0.015	0.0033 (J)	<0.015		<0.015	<0.015	
4/13/2017				0.001 (J)			<0.015
6/27/2017	0.00099 (J)	0.0021 (J)	<0.015	<0.015	<0.015	<0.015	
6/28/2017							<0.015
3/27/2018	<0.015	<0.015	<0.015		<0.015	<0.015	<0.015
3/28/2018				<0.015			
10/8/2018	<0.015				<0.015	<0.015	<0.015
10/9/2018		<0.015	<0.015	<0.015			
2/19/2019							<0.015
2/20/2019	<0.015	0.0013 (J)	<0.015	0.00075 (J)	<0.015	<0.015	
4/1/2019		<0.015	<0.015	<0.015	<0.015	<0.015	
4/2/2019	<0.015						<0.015
9/16/2019	<0.015			0.00067 (J)	<0.015		
9/17/2019		0.0014 (J)	<0.015			<0.015	
9/18/2019							<0.015
2/18/2020	<0.015	0.0014 (J)	<0.015				<0.015
2/19/2020				0.00063 (J)	<0.015	<0.015	
3/24/2020							<0.015
3/25/2020	<0.015		<0.015	<0.015			
3/26/2020		0.001 (J)			<0.015		
3/27/2020						0.00081 (J)	
9/14/2020	<0.015	0.0012 (J)	<0.015	<0.015	<0.015		
9/15/2020						<0.015	<0.015
2/9/2021	<0.015	0.0014 (J)	<0.015	0.00063 (J)	<0.015	<0.015	
2/10/2021							<0.015
3/31/2021				<0.015			<0.015
4/1/2021	<0.015	0.0009 (J)	<0.015				
4/6/2021						<0.015	
4/7/2021					<0.015		
8/18/2021	<0.015	0.0016 (J)	<0.015				<0.015
8/19/2021				<0.015		<0.015	
8/20/2021					<0.015		
2/9/2022	<0.015	0.0012 (J)					
2/10/2022			<0.015	<0.015	<0.015		<0.015
2/14/2022						<0.015	
8/18/2022		0.0011 (J)	0.00073 (J)	<0.015	<0.015		

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-12	SGWC-14	SGWC-23
8/19/2022	<0.015					<0.015	
8/22/2022							<0.015
2/22/2023	<0.015	<0.015	<0.015	<0.015			
2/23/2023					<0.015	<0.015	0.00062 (J)
8/1/2023	<0.015						
8/7/2023				<0.015	<0.015		
8/8/2023		0.001 (J)	<0.015			<0.015	<0.015
2/20/2024	<0.015						
2/21/2024		0.0014 (J)	<0.015	<0.015			<0.015
2/23/2024					<0.015		
2/27/2024						<0.015	
7/31/2024		0.0011 (J)					
8/1/2024	<0.015		<0.015	<0.015	<0.015	<0.015	
8/2/2024							<0.015
2/19/2025		0.001 (J)	<0.015	<0.015	<0.015	<0.015	
2/20/2025	<0.015						
2/21/2025							<0.015
Mean	0.01391	0.004209	0.0139	0.01016	0.01393	0.01399	0.01445
Std. Dev.	0.003847	0.005416	0.003868	0.006788	0.003764	0.003572	0.00282
Upper Lim.	0.015	0.0033	0.015	0.015	0.015	0.015	0.015
Lower Lim.	0.00099	0.0012	0.0008	0.001	0.0012	0.003	0.00062

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-39S	PZ-40I	PZ-42I	PZ-69I
2/9/2022	0.0011 (J)		0.0057 (J)	
2/10/2022		<0.015		0.0017 (J)
8/22/2022			0.0062 (J)	
8/23/2022	0.0013 (J)	0.00079 (J)		
8/24/2022				0.00081 (J)
2/23/2023			0.0066 (J)	
2/24/2023	0.0011 (J)	<0.015		0.00069 (J)
8/1/2023		<0.015		
8/2/2023	0.0011 (J)		0.0062 (J)	0.0011 (J)
2/23/2024				<0.015
2/27/2024	0.00099 (J)	<0.015	0.0067 (J)	
8/2/2024				<0.015
8/5/2024		<0.015	0.0079 (J)	
8/6/2024	0.00087 (J)			
2/20/2025		<0.015	0.0097 (J)	
2/24/2025	<0.015			<0.015
Mean	0.001994	0.01297	0.007	0.007043
Std. Dev.	0.002431	0.005371	0.001374	0.00745
Upper Lim.	0.0075	0.015	0.00859	0.015
Lower Lim.	0.00087	0.00079	0.005478	0.00069

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15
5/11/2016	<0.005	<0.005	<0.005	<0.005			
5/12/2016					<0.005	<0.005	0.00965 (J)
6/27/2016	<0.005	<0.005					
6/28/2016			<0.005	<0.005	<0.005	<0.005	0.0101
8/17/2016	<0.005	<0.005	<0.005				
8/18/2016				0.00031 (J)	<0.005	<0.005	0.0014
10/17/2016	<0.005		<0.005	<0.005	0.0003 (J)	<0.005	
10/18/2016		<0.005					0.0013
12/6/2016	<0.005	<0.005	<0.005	<0.005	<0.005		
12/7/2016						<0.005	0.0007 (J)
2/14/2017	<0.005	<0.005					
2/15/2017			<0.005	<0.005	<0.005	0.00066 (J)	0.00075 (J)
4/12/2017	0.00034 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
6/27/2017	0.00057 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	0.0013
3/27/2018	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
6/6/2018	0.00032 (J)	<0.005	<0.005	<0.005			
6/7/2018					0.00064 (J)	0.00084 (J)	0.0014
10/8/2018	<0.005			<0.005	<0.005	<0.005	
10/9/2018		0.00034 (J)					
10/16/2018			0.00046 (J)				0.0021
2/20/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0034
4/1/2019		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/2/2019	<0.005						
9/16/2019	<0.005		<0.005	<0.005			
9/17/2019		<0.005			<0.005	<0.005	<0.005
2/18/2020	<0.005	<0.005	<0.005				
2/19/2020				<0.005	<0.005	<0.005	<0.005
3/25/2020	<0.005		<0.005				
3/26/2020		<0.005		<0.005			
3/27/2020					<0.005	<0.005	<0.005
9/14/2020	<0.005	<0.005	<0.005	<0.005	<0.005		
9/15/2020						<0.005	<0.005
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2021							<0.005
4/1/2021	<0.005	<0.005					
4/6/2021						<0.005	
4/7/2021			<0.005	<0.005	<0.005		
8/18/2021	<0.005	<0.005					
8/19/2021			<0.005		<0.005	<0.005	<0.005
8/20/2021				<0.005			
2/9/2022	<0.005	<0.005					
2/10/2022			<0.005	<0.005			
2/11/2022					<0.005		<0.005
2/14/2022						<0.005	
8/18/2022		<0.005	<0.005	<0.005	<0.005		
8/19/2022	<0.005					<0.005	<0.005
2/22/2023	<0.005	<0.005	<0.005				
2/23/2023				<0.005	<0.005	<0.005	<0.005
8/1/2023	<0.005						
8/2/2023			<0.005		<0.005		
8/7/2023				<0.005			<0.005
8/8/2023		<0.005				<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15
2/20/2024	<0.005						
2/21/2024		<0.005					
2/23/2024			<0.005	<0.005	<0.005		
2/26/2024							0.0084
2/27/2024						<0.005	
7/31/2024		<0.005					
8/1/2024	<0.005		<0.005	<0.005	<0.005	<0.005	0.0048 (J)
2/19/2025		<0.005		<0.005	<0.005	<0.005	
2/20/2025	<0.005		<0.005				0.0035 (J)
Mean	0.00449	0.004827	0.004832	0.004826	0.004664	0.004685	0.0044
Std. Dev.	0.00147	0.0008968	0.0008737	0.0009026	0.00121	0.001135	0.002423
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.00057	0.00034	0.00046	0.00031	0.00064	0.00084	0.0021

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-23	PZ-17I
5/12/2016	<0.005	<0.005			0.00396 (J)	<0.005	
5/13/2016			0.023	<0.005			
6/28/2016	<0.005						
6/29/2016		<0.005		<0.005	0.0053 (J)	<0.005	
6/30/2016			0.0263				
8/18/2016	0.00053 (J)	<0.005					
8/19/2016						<0.005	
8/22/2016			0.0066	<0.005	0.0012 (J)		
10/18/2016	<0.005			<0.005	<0.005	<0.005	
10/19/2016		<0.005	0.0057				
12/7/2016	<0.005	<0.005	0.006			<0.005	
12/8/2016				<0.005	<0.005		
2/15/2017		<0.005				<0.005	
2/16/2017	<0.005		0.0055	<0.005	<0.005		
4/13/2017	<0.005	<0.005	0.0049	<0.005	<0.005	<0.005	
6/27/2017	0.001 (J)	0.00024 (J)					
6/28/2017			0.0047	0.00096 (J)	0.00064 (J)	0.00033 (J)	
3/27/2018	<0.005	<0.005				<0.005	
3/28/2018			0.0085	<0.005	<0.005		
6/7/2018	0.0013	0.00064 (J)			0.00066 (J)	<0.005	
6/8/2018			0.014	0.00063 (J)			
10/8/2018	0.0014	0.00028 (J)				0.00026 (J)	
10/9/2018				0.0005 (J)			
10/18/2018			0.017		0.00049 (J)		0.00047 (J)
1/2/2019			0.0034				
2/19/2019						0.00021 (J)	
2/20/2019	0.0012 (J)	<0.005	0.027	<0.005	0.0011 (J)		
4/2/2019	0.0021	<0.005	0.0075	<0.005	<0.005	<0.005	
9/17/2019	<0.005	<0.005	0.0036	<0.005	<0.005		
9/18/2019						<0.005	
2/18/2020					<0.005	<0.005	
2/19/2020	<0.005	<0.005		<0.005			
2/20/2020			0.0024 (J)				
3/23/2020				<0.005	<0.005		
3/24/2020		<0.005				<0.005	
3/26/2020			0.0019 (J)				
3/27/2020	<0.005						
9/15/2020	<0.005	<0.005	0.003 (J)	<0.005	<0.005	<0.005	
2/9/2021	<0.005						
2/10/2021		<0.005	0.0016 (J)	<0.005	<0.005	<0.005	
3/30/2021			<0.005	<0.005	<0.005		
3/31/2021						<0.005	
4/1/2021	<0.005	<0.005					
8/18/2021		<0.005	0.002 (J)			<0.005	
8/19/2021	<0.005			<0.005	<0.005		
2/9/2022							<0.005
2/10/2022	0.00092 (J)		0.0021 (J)			<0.005	
2/11/2022		<0.005		<0.005	<0.005		
8/22/2022				0.00099 (J)	<0.005	<0.005	
8/23/2022			0.00085 (J)				
8/24/2022							<0.005
8/31/2022	0.001 (J)	<0.005					

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-23	PZ-17I
2/22/2023		<0.005	<0.005	<0.005	<0.005		
2/23/2023	0.00093 (J)					0.00075 (J)	<0.005
8/1/2023							<0.005
8/7/2023		<0.005	<0.005	<0.005	<0.005		
8/8/2023	<0.005					<0.005	
2/20/2024				<0.005			
2/21/2024						<0.005	
2/26/2024	<0.005	<0.005			0.0041 (J)		<0.005
2/27/2024			0.0053				
8/1/2024	<0.005			<0.005			<0.005
8/2/2024					0.002 (J)	<0.005	
8/5/2024		<0.005	0.0064				
2/19/2025	<0.005	<0.005					
2/20/2025					<0.005		
2/21/2025			0.0031 (J)	<0.005		<0.005	<0.005
Mean	0.003718	0.004487	0.007137	0.004373	0.004054	0.004317	0.004434
Std. Dev.	0.001864	0.001479	0.007397	0.001534	0.001694	0.001672	0.001602
Upper Lim.	0.005	0.005	0.007215	0.005	0.005	0.005	0.005
Lower Lim.	0.0013	0.00064	0.003178	0.00099	0.00396	0.00075	0.00047

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-44I
10/16/2018					0.00046 (J)
10/17/2018	<0.005				
10/18/2018		0.00059 (J)	0.0045	0.00026 (J)	
2/19/2020			0.0053		
2/9/2022	0.0022 (J)		0.0061	<0.005	<0.005
2/10/2022		<0.005			
8/22/2022				<0.005	
8/23/2022	0.0014 (J)	<0.005			
8/24/2022			0.0062		<0.005
2/23/2023			0.0071	<0.005	
2/24/2023	0.0019 (J)	<0.005			
2/28/2023					<0.005
8/1/2023		<0.005			
8/2/2023	0.0014 (J)		0.0069	<0.005	<0.005
2/23/2024					<0.005
2/27/2024	<0.005	<0.005	0.0073	<0.005	
8/1/2024					<0.005
8/5/2024		<0.005		<0.005	
8/6/2024	0.001 (J)		0.0065		
2/20/2025		<0.005		<0.005	
2/21/2025			0.0051		
2/24/2025	0.0015 (J)				<0.005
Mean	0.002425	0.004449	0.006111	0.004407	0.004432
Std. Dev.	0.001629	0.001559	0.0009649	0.001676	0.001605
Upper Lim.	0.001965	0.005	0.007043	0.005	0.005
Lower Lim.	0.00105	0.00059	0.005179	0.00026	0.00046

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/27/2016	<0.001	<0.001	<0.001				
6/28/2016					0.0001 (J)	<0.001	<0.001
6/29/2016				<0.001			
8/17/2016	<0.001	<0.001	<0.001		<0.001	<0.001	
8/18/2016							<0.001
8/22/2016				<0.001			
10/17/2016	<0.001		<0.001		<0.001	<0.001	<0.001
10/18/2016		<0.001		<0.001			
12/6/2016	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
12/7/2016				<0.001			
2/14/2017	<0.001	<0.001	<0.001				
2/15/2017					<0.001	<0.001	<0.001
2/16/2017				<0.001			
4/12/2017	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
4/13/2017				<0.001			
6/27/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2018	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
3/28/2018				<0.001			
6/6/2018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/8/2018	<0.001						<0.001
10/9/2018		<0.001	<0.001	<0.001	<0.001		
10/16/2018						<0.001	
2/20/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2019		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/2/2019	<0.001						
9/16/2019	<0.001			<0.001		<0.001	<0.001
9/17/2019		<0.001	0.00023 (J)		<0.001		
2/18/2020	0.00028 (J)	0.00022 (J)	0.0002 (J)			0.00016 (J)	
2/19/2020				0.00027 (J)	0.00075 (J)		0.00034 (J)
3/25/2020	0.00049 (J)		0.00079 (J)	<0.001	<0.001	<0.001	
3/26/2020		<0.001					<0.001
9/14/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00023 (J)
2/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/31/2021				<0.001	<0.001		
4/1/2021	0.00023 (J)	0.00042 (J)	0.00021 (J)				
4/7/2021						<0.001	<0.001
8/18/2021	0.00017 (J)	<0.001	<0.001				
8/19/2021				0.0004 (J)	0.00024 (J)	0.00015 (J)	
8/20/2021							<0.001
2/9/2022	<0.001	<0.001					
2/10/2022			<0.001	<0.001		<0.001	<0.001
2/11/2022					<0.001		
8/18/2022		<0.001	<0.001	<0.001		<0.001	<0.001
8/19/2022	<0.001				<0.001		
2/22/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/23/2023							<0.001
8/1/2023	<0.001						
8/2/2023						<0.001	
8/7/2023				<0.001	<0.001		<0.001
8/8/2023		<0.001	<0.001				
2/20/2024	<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
2/21/2024		<0.001	<0.001	<0.001			
2/23/2024					<0.001	<0.001	<0.001
7/31/2024		<0.001					
8/1/2024	<0.001		<0.001	<0.001		<0.001	<0.001
8/5/2024					<0.001		
2/19/2025		<0.001	<0.001	<0.001	<0.001		<0.001
2/20/2025	<0.001					<0.001	
Mean	0.0008952	0.0009496	0.0009048	0.0009507	0.0009293	0.0009374	0.000947
Std. Dev.	0.0002604	0.0001836	0.0002524	0.0001784	0.0002249	0.0002255	0.0001914
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.00049	0.00042	0.00079	0.0004	0.00075	0.00016	0.00034

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-17	SGWC-18	SGWC-20	SGWC-22
5/12/2016	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
5/13/2016					<0.001		
6/28/2016	<0.001	<0.001	9E-05 (J)				
6/29/2016				<0.001		0.0002 (J)	<0.001
6/30/2016					0.0002 (J)		
8/18/2016	<0.001	<0.001	<0.001	<0.001			
8/19/2016							<0.001
8/22/2016					0.00015 (J)	0.00018 (J)	
10/17/2016	<0.001	<0.001					
10/18/2016			<0.001			0.00016 (J)	<0.001
10/19/2016				<0.001	0.00012 (J)		
12/6/2016	<0.001						
12/7/2016		<0.001	<0.001	<0.001	9.5E-05 (J)		<0.001
12/8/2016						0.0001 (J)	
2/15/2017	<0.001	<0.001	8.5E-05 (J)	<0.001			
2/16/2017					0.00013 (J)	0.00014 (J)	<0.001
4/12/2017	<0.001	<0.001	9.5E-05 (J)				
4/13/2017				<0.001	0.00012 (J)	0.00021 (J)	<0.001
6/27/2017	<0.001	<0.001	0.0001 (J)	<0.001			
6/28/2017					0.00013 (J)	0.00018 (J)	<0.001
3/27/2018	<0.001	<0.001	<0.001	<0.001			
3/28/2018					0.00011 (J)	9E-05 (J)	<0.001
6/7/2018	<0.001	<0.001	<0.001	<0.001		0.00014 (J)	<0.001
6/8/2018					0.00019 (J)		
10/8/2018	<0.001	<0.001		<0.001			<0.001
10/16/2018			0.0001 (J)				
10/18/2018					0.00019 (J)	0.00018 (J)	
1/2/2019					<0.001		
2/19/2019							<0.001
2/20/2019	<0.001	<0.001	9.8E-05 (J)	<0.001	0.00021 (J)	0.00018 (J)	
4/1/2019	<0.001	<0.001	9.5E-05 (J)				
4/2/2019				<0.001	0.00016 (J)	0.00017 (J)	<0.001
9/17/2019	<0.001	<0.001	0.00016 (J)	<0.001	0.00025 (J)	0.00021 (J)	
9/18/2019							<0.001
2/18/2020						0.00033 (J)	<0.001
2/19/2020	0.00022 (J)	0.00018 (J)	0.00031 (J)	<0.001			
2/20/2020					0.00066 (J)		
3/23/2020						0.00016 (J)	
3/24/2020				<0.001			<0.001
3/26/2020					0.00029 (J)		
3/27/2020	<0.001	0.0011	0.00045 (J)				
9/14/2020	<0.001						
9/15/2020		0.00035 (J)	0.00027 (J)	<0.001	0.00027 (J)	0.00028 (J)	0.00038 (J)
2/9/2021	<0.001	<0.001	<0.001				
2/10/2021				0.00024 (J)	0.00068 (J)	0.00025 (J)	<0.001
3/30/2021					0.00024 (J)	0.00018 (J)	
3/31/2021			<0.001				<0.001
4/1/2021				<0.001			
4/6/2021		0.00017 (J)					
4/7/2021	<0.001						
8/18/2021				<0.001	0.00022 (J)		<0.001
8/19/2021	<0.001	<0.001	<0.001			0.00018 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-17	SGWC-18	SGWC-20	SGWC-22
2/10/2022					<0.001		<0.001
2/11/2022	<0.001		<0.001	<0.001		<0.001	
2/14/2022		<0.001					
8/18/2022	<0.001						
8/19/2022		<0.001	<0.001				
8/22/2022						<0.001	<0.001
8/23/2022					<0.001		
8/31/2022				<0.001			
2/22/2023				<0.001	<0.001	<0.001	
2/23/2023	<0.001	<0.001	<0.001				<0.001
8/2/2023	<0.001						
8/7/2023			<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2023		<0.001					
2/21/2024							<0.001
2/23/2024	<0.001						
2/26/2024			<0.001	<0.001		<0.001	
2/27/2024		<0.001			<0.001		
8/1/2024	<0.001	<0.001	<0.001				
8/2/2024						<0.001	<0.001
8/5/2024				<0.001	<0.001		
2/19/2025	<0.001	<0.001		<0.001			
2/20/2025			<0.001			<0.001	<0.001
2/21/2025					<0.001		
Mean	0.0009711	0.0009185	0.0006612	0.0009719	0.0004791	0.0004267	0.000977
Std. Dev.	0.0001501	0.0002492	0.0004231	0.0001463	0.0003889	0.000382	0.0001193
Upper Lim.	0.001	0.001	0.001	0.001	0.00068	0.00033	0.001
Lower Lim.	0.00022	0.00035	0.00016	0.00024	0.00016	0.00017	0.00038

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 5/8/2025 5:32 PM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-23	PZ-41S
5/12/2016	<0.001	
6/29/2016	<0.001	
8/19/2016	<0.001	
10/18/2016	<0.001	
12/7/2016	<0.001	
2/15/2017	<0.001	
4/13/2017	<0.001	
6/28/2017	<0.001	
3/27/2018	<0.001	
6/7/2018	<0.001	
10/8/2018	<0.001	
10/18/2018		<0.001
2/19/2019	<0.001	
4/2/2019	<0.001	
9/18/2019	<0.001	
2/18/2020	<0.001	
2/19/2020		0.00034 (J)
3/24/2020	<0.001	
9/15/2020	0.00016 (J)	
2/10/2021	<0.001	
3/31/2021	<0.001	
8/18/2021	<0.001	
2/9/2022		<0.001
2/10/2022	<0.001	
8/22/2022	<0.001	
8/24/2022		<0.001
2/23/2023	<0.001	<0.001
8/2/2023		<0.001
8/8/2023	<0.001	
2/21/2024	<0.001	
2/27/2024		<0.001
8/2/2024	<0.001	
8/6/2024		<0.001
2/21/2025	<0.001	<0.001
Mean	0.0009689	0.0009267
Std. Dev.	0.0001617	0.00022
Upper Lim.	0.001	0.001
Lower Lim.	0.00016	0.00034

ND substitution: RL or RL/2 if <15% NDs.

FIGURE J.

Appendix IV Trend Tests - Confidence Interval Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 4:12 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Cobalt (mg/L)	**SGWA-1 (bg)**	**-0.001701**	**-260**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWA-25 (bg)**	**-0.001657**	**-263**	**-96**	**Yes**	**27**	**14.81**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWC-11**	**-0.002089**	**-234**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWC-18**	**-0.008455**	**-168**	**-101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWC-20**	**-0.01635**	**-213**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**

Appendix IV Trend Tests - Confidence Interval Exceedances - All Results

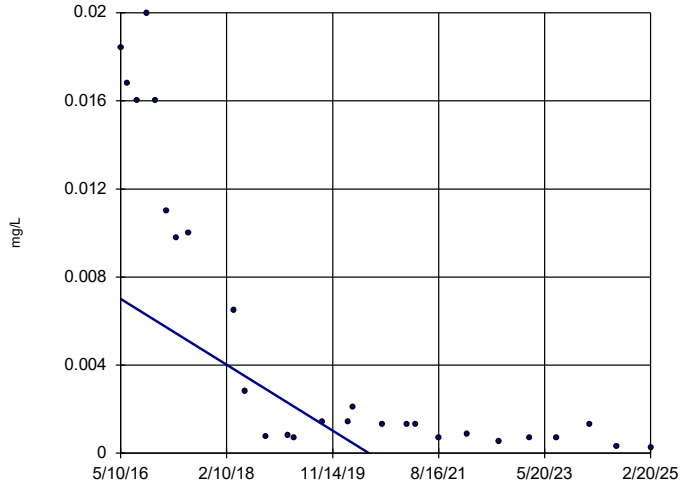
Plant Scherer Client: Southern Company Data: Scherer AP Printed 4/17/2025, 4:12 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Cobalt (mg/L)	**SGWA-1 (bg)**	**-0.001701**	**-260**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	SGWA-2 (bg)	0	13	96	No	27	92.59	n/a	0.05	NP
Cobalt (mg/L)	SGWA-3 (bg)	0	22	96	No	27	96.3	n/a	0.05	NP
Cobalt (mg/L)	SGWA-4 (bg)	0	17	96	No	27	92.59	n/a	0.05	NP
Cobalt (mg/L)	SGWA-5 (bg)	0	0	96	No	27	100	n/a	0.05	NP
Cobalt (mg/L)	SGWA-24 (bg)	0	17	96	No	27	70.37	n/a	0.05	NP
Cobalt (mg/L)	**SGWA-25 (bg)**	**-0.001657**	**-263**	**-96**	**Yes**	**27**	**14.81**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	SGWC-10	0	16	96	No	27	0	n/a	0.05	NP
Cobalt (mg/L)	**SGWC-11**	**-0.002089**	**-234**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	SGWC-14	-0.0002829	-41	-96	No	27	0	n/a	0.05	NP
Cobalt (mg/L)	SGWC-15	-0.001247	-49	-96	No	27	0	n/a	0.05	NP
Cobalt (mg/L)	**SGWC-18**	**-0.008455**	**-168**	**-101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWC-20**	**-0.01635**	**-213**	**-96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**

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Sen's Slope Estimator

SGWA-1 (bg)



n = 27

Slope = -0.001701 units per year.

Mann-Kendall statistic = -260 critical = -96

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/17/2025 4:11 PM View: Appendix IV Trend Tests

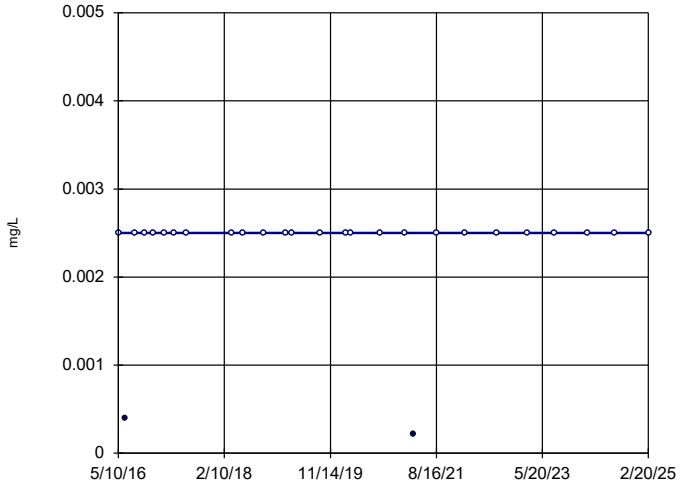
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-2 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 13 critical = 96

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/17/2025 4:11 PM View: Appendix IV Trend Tests

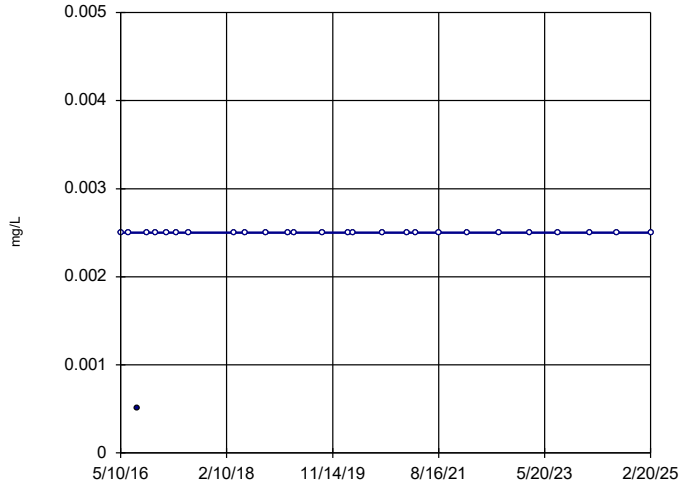
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-3 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 22 critical = 96

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/17/2025 4:11 PM View: Appendix IV Trend Tests

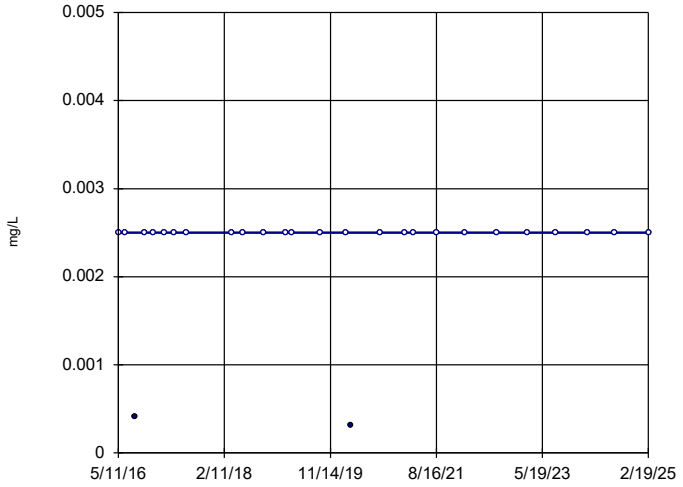
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-4 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 17 critical = 96

Trend not significant at 95% confidence level (α = 0.025 per tail).

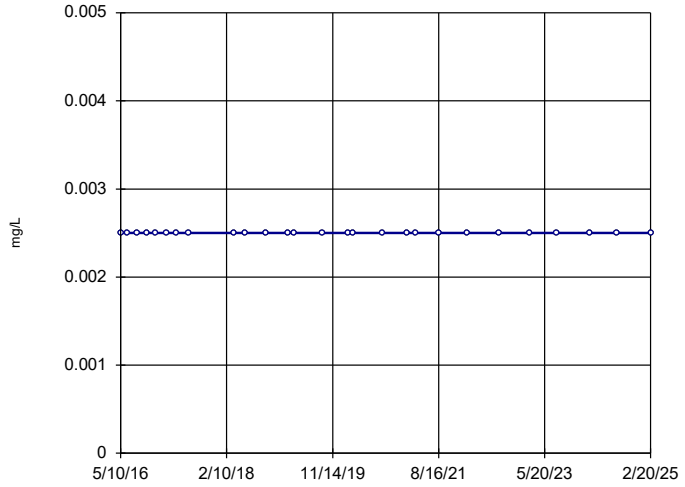
Constituent: Cobalt Analysis Run 4/17/2025 4:11 PM View: Appendix IV Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-5 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 96

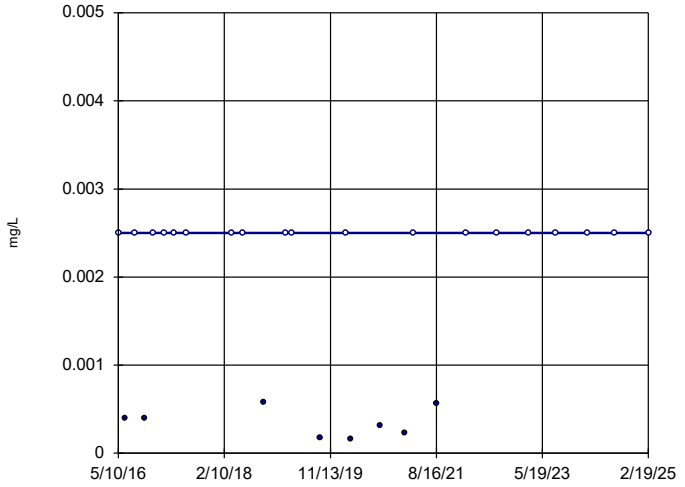
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/17/2025 4:11 PM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-24 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 17 critical = 96

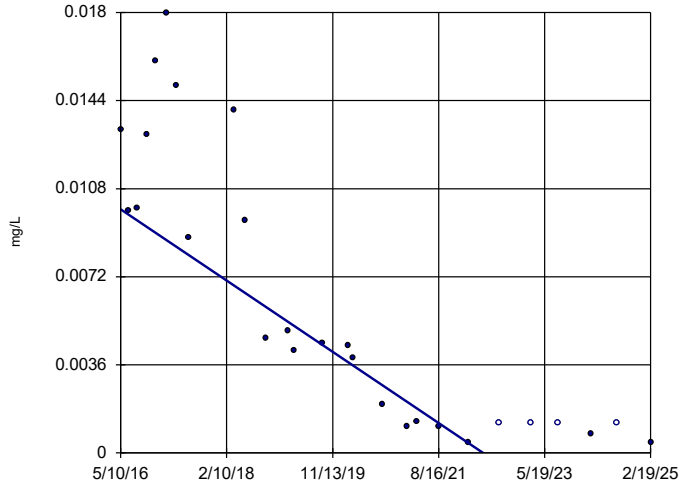
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/17/2025 4:11 PM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-25 (bg)



n = 27

Slope = -0.001657 units per year.

Mann-Kendall statistic = -263 critical = -96

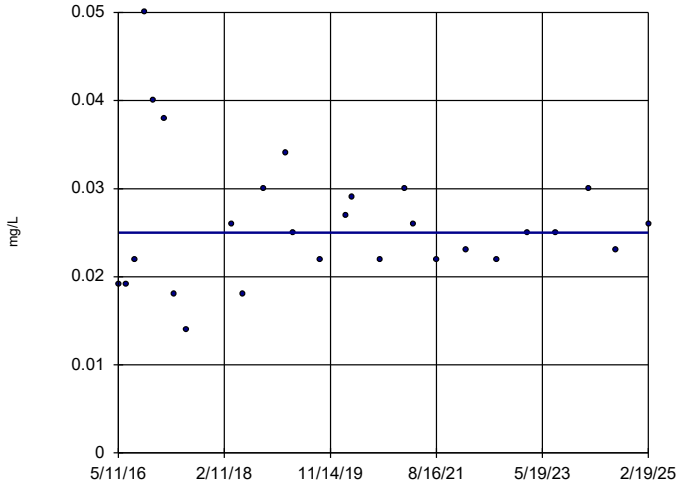
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/17/2025 4:11 PM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-10



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 16 critical = 96

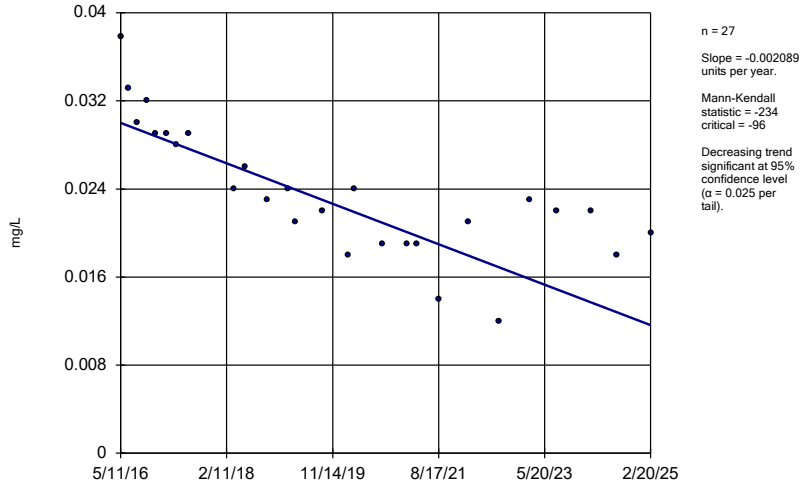
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/17/2025 4:11 PM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-11



n = 27

Slope = -0.002089 units per year.

Mann-Kendall statistic = -234
critical = -96

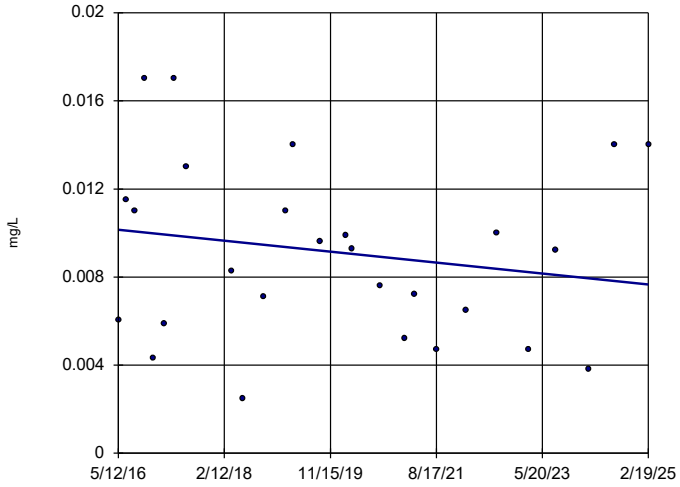
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/17/2025 4:11 PM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-14



n = 27

Slope = -0.0002829 units per year.

Mann-Kendall statistic = -41
critical = -96

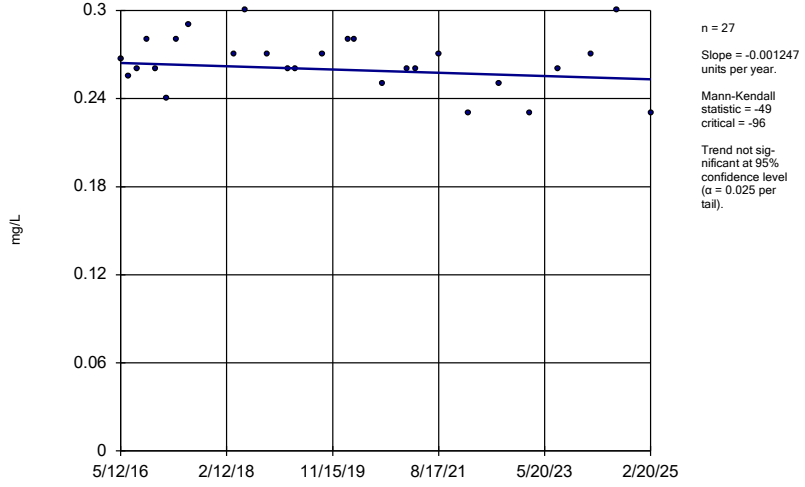
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/17/2025 4:11 PM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-15



n = 27

Slope = -0.001247 units per year.

Mann-Kendall statistic = -49
critical = -96

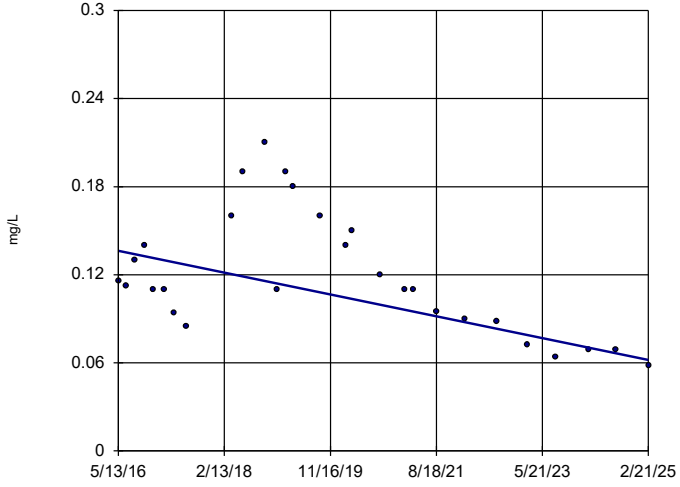
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/17/2025 4:11 PM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-18



n = 28

Slope = -0.008455 units per year.

Mann-Kendall statistic = -168
critical = -101

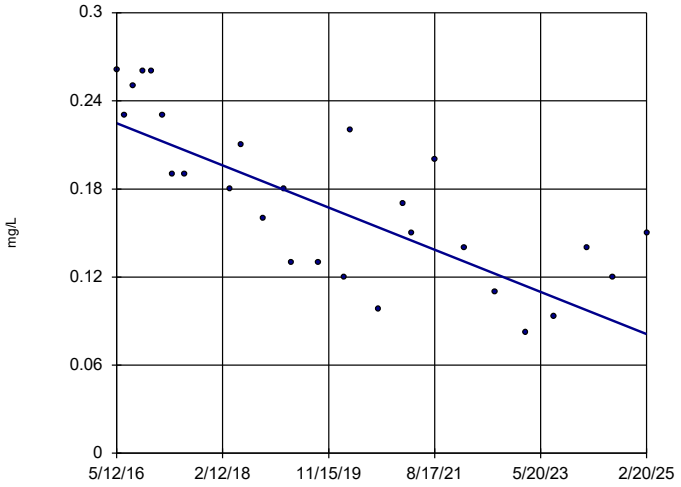
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/17/2025 4:11 PM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-20



n = 27

Slope = -0.01635 units per year.

Mann-Kendall statistic = -213 critical = -96

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/17/2025 4:11 PM View: Appendix IV Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

APPENDIX E

Statistical Analyses July - October 2025

GROUNDWATER STATS CONSULTING

January 30, 2026

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Scherer Ash Pond (AP)
Statistical Analysis – July 2025 Sample Event

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the July 2025 Semi-Annual Groundwater Detection and Assessment Monitoring of groundwater data for Georgia Power Company's Plant Scherer AP. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals (CCR) from Electric Utilities (CCR Rule, 2015), the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10, and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling for the Appendix III and IV parameters began in 2016, and at least 8 background samples were collected at each of the groundwater monitoring wells. Sampling is conducted on a semi-annual basis for all constituents. A list of all parameters is provided below.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient well:** SGWA-1, SGWA-2, SGWA-3, SGWA-4, SGWA-5, SGWA-24, and SGWA-25
- **Downgradient wells:** SGWC-6, SGWC-7, SGWC-8, SGWC-9, SGWC-10, SGWC-11, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, and SGWC-23

- **Assessment Wells:** PZ-13S, PZ-14S, PZ-17I, PZ-29S, PZ-30I, PZ-39S, PZ-40I, PZ-41S, PZ-42I, PZ-43S, PZ-44I, PZ-69I, and PZ-70
- **Piezometer:** PZ-71

The assessment wells were first sampled as early as October 2018 and all data are included on the time series graphs and box plots. These well/constituent pairs are formally evaluated for Appendix IV constituents using confidence intervals which require a minimum of 4 samples. Assessment well PZ-70 and piezometer PZ-71 were first sampled in July 2025 and currently have a maximum of 2 samples, which includes the resamples collected in September 2025 for cobalt and pH. While assessment wells PZ-29S and PZ-30I were first sampled in January 2019, these wells currently have a maximum of 3 samples. Therefore, data are included on the time series graphs and box plots, and will be analyzed using confidence intervals when a minimum of 4 samples is available.

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Andrew Collins, Project Manager for Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology provided in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

The CCR program monitors the constituents listed below. The terms "parameters" and "constituents" are used interchangeably.

- **Appendix III** (Detection Monitoring) **-** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Appendix IV** (Assessment Monitoring) **–** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, combined radium 226 + 228 fluoride, lead, lithium, mercury, molybdenum, selenium, and thallium

Note that when there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. A list of Appendix IV downgradient well/constituent pairs containing 100% non-detects follows this letter. For all constituents, a substitution of the most recent reporting limit is used for non-detect data. This generally gives the most conservative limit in each case. Due to reporting limits above the MCL for beryllium and varying reporting limits for fluoride and during the July 2025 sample event along with elevated reporting limits above the MCL for lithium during the August 2024 sample event, the most recent reporting limits of 0.001 mg/L, 0.2 mg/L, and 0.02 mg/L, respectively, were substituted across all wells in order to maintain conservative (i.e., lower) limits from a regulatory perspective.

Time series plots for Appendix III and IV parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs. A summary of flagged outliers follows this report (Figure C).

Based on a previous screening, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided with the screening to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations.

The original background screening was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database and excluded prior to construction of statistical limits. Interwell prediction limits, combined with a 1-of-2 resample plan, were recommended for all Appendix III constituents.

Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter. While data were further tested for intrawell eligibility during the screening, interwell methods were recommended for all Appendix III constituents in accordance with Georgia EPD requirements.

Summary of Statistical Methods:

Based on the evaluation for state and federal regulatory requirements, the following methods were selected for Appendix III and IV constituents:

- Appendix III: Interwell prediction limits, combined with a 1-of-2 resample plan for boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- Appendix IV: Confidence intervals on downgradient well data compared against Ground Water Protection Standards (GWPS) for each Appendix IV constituent

The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. Parametric prediction limits (or tolerance limits or confidence intervals as applicable) are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% per semi-annual event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The following approaches are used for handling non-detects (USEPA, 2009):

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after screening for any new outliers. In some cases, deselecting the earlier portion of data may be necessary prior to construction of limits so that resulting statistical limits are conservative (lower) from a regulatory perspective and capable of rapidly detecting changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Summary of Background Update Conducted in February 2025

Outlier Analysis

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at upgradient wells for Appendix III and Appendix IV parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. When the most recent value is identified as an outlier, values are often not flagged in the database at this time as the measurements may represent a possible trend. If future values do not remain at similar concentrations, these values will be flagged as outliers and deselected.

Using the Tukey's box plot method and visual screening, the previously flagged value for fluoride at upgradient well SGWA-4 was confirmed. Tukey's test identified several other outliers; however, these measurements were not flagged in the database as the measurements appeared to be representative of remaining observations among pooled upgradient concentrations and would not drastically change resulting limits if flagged. When any values are flagged in the database as outliers, the measurements are plotted in a disconnected and lighter symbol on the time series graph. The accompanying data pages will display the flagged value in a lighter font as well. A substitution of the most recent reporting limit was applied when varying detection limits existed in data. When the reporting limit was higher than the CCR-rule specified levels discussed below, non-detects were substituted with one half the reporting limit.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than spatial variation or a release.

Trend Test Evaluation

While trends can be identified by visual inspection, a quantification of the trend and its statistical significance is needed. The Sen's Slope/Mann Kendall trend test was used to evaluate all data at each upgradient well to identify statistically significant increasing or decreasing trends. In the absence of suspected contamination, significant trending data

are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different than current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits. The following statistically significant trends were identified at upgradient wells:

Appendix III
Increasing:

- Calcium: SGWA-2, SGWA-3, SGWA-4, SGWA-5, and SGWA-24
- Chloride: SGWA-24
- pH: SGWA-3
- TDS: SGWA-4

Decreasing:

- Chloride: SGWA-3
- pH: SGWA-4
- Sulfate: SGWA-3 and SGWA-4

Appendix IV
Increasing:

- Barium: SGWA-3, SGWA-4, SGWA-5, SGWA-24, and SGWA-25
- Chromium: SGWA-2, SGWA-3, SGWA-4, and SGWA-24

Decreasing:

- Barium: SGWA-1
- Beryllium: SGWA-1
- Cobalt: SGWA-1 and SGWA-25

The results of the trend analyses showed several statistically significant decreasing and increasing trends for the Appendix III and IV parameters. However, the trends noted were relatively low in magnitude compared to average pooled upgradient concentrations and, therefore, no adjustments were made to the data sets at this time. If the observed decreasing or increasing trends persist over a longer time frame and influence resulting statistical limits, some records may need to be truncated. Exceptions include the trends for cobalt at upgradient wells SGWA-1 and SGWA-25; therefore, earlier observations from these records were truncated prior to constructing statistical limits.

Statistical Analysis of Appendix III Parameters – July 2025

All Appendix III parameters were analyzed using interwell prediction limits. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs. Data from upgradient wells for Appendix III parameters are reassessed for outliers during each analysis. The previously flagged value of fluoride at upgradient well SGWA-4 was confirmed with visual screening, and no additional outliers were flagged. A summary of flagged outliers follows this report.

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical upgradient well data through July 2025 (Figure D). Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The July 2025 samples from each downgradient well are compared to the background limit to determine whether initial exceedances are present.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When a resample confirms the initial exceedance, a statistically significant increase is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If the resample falls within the statistical limit, the initial exceedance is considered a false positive result; therefore, no exceedance is noted, and no further action is necessary. If no resample is collected, the original result is considered a confirmed exceedance.

A summary table of the interwell prediction limits follows this letter and includes a list of exceedances. The following prediction limit exceedances were identified for Appendix III parameters:

- Boron: SGWC-9, SGWC-10, SGWC-11, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, and SGWC-23
- Calcium: SGWC-8, SGWC-9, SGWC-12, SGWC-13, SGWC-14, SGWC-17, SGWC-18, SGWC-19, and SGWC-21
- Chloride: SGWC-8, SGWC-9, SGWC-10, SGWC-11, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, and SGWC-23
- Fluoride: SGWC-7 and SGWC-8
- pH (lower limit): SGWC-11, SGWC-15, SGWC-16, SGWC-18, and SGWC-20

- Sulfate: SGWC-7, SGWC-8, SGWC-9, SGWC-10, SGWC-11, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, and SGWC-23
- TDS: SGWC-7, SGWC-8, SGWC-9, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, and SGWC-23

Trend Test Evaluation – Appendix III

When prediction limit exceedances are identified in downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are statistically increasing, decreasing, or stable (Figure E). Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site, which is an indication of variability in groundwater unrelated to practices at the site. A summary of the trend test results including a list of statistically significant trends follows this letter. Statistically significant trends were noted for the following well/constituent pairs:

Increasing

- Boron: SGWC-10, SGWC-11, SGWC-16, SGWC-18, and SGWC-22
- Calcium: SGWA-2, SGWA-3, SGWA-4, SGWA-5, SGWA-24 (all upgradient), SGWC-13, SGWC-17, SGWC-19, and SGWC-21
- Chloride: SGWA-24 (upgradient), SGWC-9, SGWC-11, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16, and SGWC-18
- pH: SGWA-3 (upgradient) and SGWC-18
- Sulfate: SGWC-12, SGWC-13, SGWC-16, SGWC-17, SGWC-19, SGWC-21, and SGWC-22
- TDS: SGWA-4, SGWA-24 (both upgradient), SGWC-13, SGWC-14, SGWC-16, SGWC-17, SGWC-19, and SGWC-21

Decreasing

- Boron: SGWC-20 and SGWC-23
- Calcium: SGWC-9
- pH: SGWA-4 (upgradient), SGWC-11, and SGWC-16
- Sulfate: SGWA-3, SGWA-4 (both upgradient), SGWC-7, SGWC-9, and SGWC-23
- TDS: SGWC-7, SGWC-8, SGWC-9, and SGWC-23

Statistical Analysis of Appendix IV Parameters – July 2025

For Appendix IV parameters, confidence intervals for each downgradient well/constituent were compared against corresponding GWPS. GWPS were developed as described below. Downgradient well/constituent pairs containing 100% non-detects do not require analysis.

Data from upgradient wells for Appendix IV parameters are reassessed for outliers during each analysis. The previously flagged value of fluoride at SGWA-4 was confirmed, and no additional outliers were flagged. A summary of flagged outliers follows this report (Figure C). Additionally, downgradient well data through July 2025 were screened through visual screening using time series graphs. Since the downgradient well data are used to construct confidence intervals, values that are marginally high relative to the rest of the data are retained unless there is particular justification for excluding them. No adjustments to previously flagged outliers were made during this analysis.

Interwell Upper Tolerance Limits

Interwell tolerance limits were used to calculate site-specific background limits from all available pooled upgradient well data through July 2025 for Appendix IV constituents. Parametric tolerance limits are calculated, with a target of 95% confidence and 95% coverage, when data follow a normal or transformed-normal distribution. When data contained greater than 50% non-detects or did not follow a normal or transformed-normal distribution, non-parametric tolerance limits were used. As mentioned above, the records for cobalt at upgradient well SGWA-1 and SGWA-25 were truncated to use more recent and stable concentrations to establish an interwell tolerance limit (USEPA Unified Guidance, 2009, Chapter 5). Trend tests for cobalt at upgradient wells SGWA-1 and SGWA-25 using both the truncated portion of their record and the full record follow this letter (Figure F). A summary of interwell tolerance limits follows this report (Figure G). A list of well/constituent pairs using a truncated portion of their record follows this report.

Groundwater Protection Standards

The background limits were then used when determining the groundwater protection standard (GWPS) under 40 CFR §257.95(h) and Georgia EPD Rule 391-3-4-.10(6)(a). On July 30, 2018, US EPA revised the Federal CCR rule updating GWPS for cobalt, lead, lithium, and molybdenum as described above in 40 CFR §257.95(h)(2). Effective on February 22, 2022, Georgia EPD incorporated the updated GWPS into the current Georgia EPD Rules for Solid Waste Management 391-3-4-.10(6)(a). In accordance with the updated Rules, the GWPS is:

- The maximum contaminant level (MCL) established under §141.62 and §141.66 of this title
- Where an MCL has not been established for a constituent, Federal and State CCR Rules specify levels for cobalt (0.006 mg/L), lead (0.015 mg/L), lithium (0.040 mg/L), and molybdenum (0.100 mg/L)
- The respective background level for a constituent when the background level is higher than the MCL or Federal CCR Rule identified GWPS

Following Georgia EPD Rule requirements and the Federal CCR requirements, GWPS were established for statistical comparison of Appendix IV constituents for this sample event (Figure H).

Confidence Intervals

To complete the statistical comparison to GWPS, confidence intervals were constructed for each of the Appendix IV constituents in downgradient wells with a minimum of 8 samples and assessment wells with a minimum of 4 samples (Figure I).

The Sanitas software was used to calculate the confidence intervals, either parametric or nonparametric, depending on the data distribution and percentage of non-detects. When data followed a normal or transformed-normal distribution, parametric confidence intervals were used for Appendix IV parameters. Nonparametric confidence intervals, which use the largest and smallest order statistics depending on the sample size as interval limits, were constructed when data did not follow a normal or transformed-normal distribution or when there were greater than 50% non-detects. The lower confidence limit, which is constructed with 99% confidence for parametric confidence intervals, is compared to the GWPS prepared as described above. The confidence level associated with nonparametric confidence intervals is dependent upon the number of samples available.

Only when the entire confidence interval is above a GWPS is the downgradient well/constituent pair considered to exceed its respective standard. If there is an exceedance of the GWPS, a statistically significant level (SSL) exceedance is identified. Summaries of the confidence interval results, along with graphical comparison against GWPS follow this letter. Exceedances were noted for the following well/constituent pairs:

- Cobalt: SGWC-10, SGWC-11, SGWC-14, SGWC-15, SGWC-18, and SGWC-20

Trend Test Evaluation – Appendix IV

Data at wells with confidence interval exceedances are further evaluated using the Sen's Slope/Mann Kendall trend test at the 95% confidence level to determine whether concentrations are statistically increasing, decreasing, or stable (Figure J). Although the trend tests for Assessment monitoring pairs were previously evaluated using 99% confidence, the 95% confidence level more rapidly identifies statistically significant trends. Additionally, the 95% confidence level is recommended in cases with limited sample sizes and, particularly, for new assessment wells. Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site for the same constituents. When similar patterns exist upgradient of the site, it is an indication of variability in groundwater which may be unrelated to practices at the site. A summary of the Appendix IV trend test results follows this letter, and statistically significant trends were identified for the following well/constituent pairs:

Increasing

- None

Decreasing

- Cobalt: SGWC-11, SGWC-18, and SGWC-20

Summary

Observations from the July 2025 sample event at Scherer AP were compared to established interwell prediction limits for all Appendix III constituents. Several statistically significant increases were identified and may be seen on the summary table following this letter.

When confidence intervals were constructed on downgradient wells for Appendix IV constituents and compared to respective GWPS, the following exceedances were identified:

- Cobalt: SGWC-10, SGWC-11, SGWC-14, SGWC-15, SGWC-18, and SGWC-20

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer AP. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Easton Rayner
Groundwater Analyst



Andrew Collins
Project Manager

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Summary Tables

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Date Ranges

Date: 9/24/2025 11:14 AM

Plant Scherer Client: Southern Company Data: Scherer AP

Cobalt (mg/L)

SGWA-1 overall:10/5/2018-7/24/2025

SGWA-25 overall:9/14/2020-7/30/2025

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100% Non-Detects: Appendix IV Downgradient & Assessment

Analysis Run 9/25/2025 12:43 PM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Antimony (mg/L)
SGWC-6, SGWC-8, SGWC-9, SGWC-11, SGWC-12, SGWC-14, SGWC-15, SGWC-16, SGWC-17, PZ-14S, PZ-39S, PZ-41S, PZ-43S, PZ-44I, PZ-69I

Arsenic (mg/L)
PZ-13S, PZ-14S, PZ-17I, PZ-40I, PZ-41S, PZ-43S, PZ-44I

Beryllium (mg/L)
SGWC-12, SGWC-21, SGWC-23, PZ-13S, PZ-14S, PZ-17I, PZ-39S, PZ-40I, PZ-41S, PZ-42I, PZ-43S, PZ-44I, PZ-69I

Cadmium (mg/L)
SGWC-7, SGWC-9, SGWC-10, SGWC-12, SGWC-13, SGWC-17, SGWC-22, SGWC-23, PZ-13S, PZ-14S, PZ-17I, PZ-39S, PZ-40I, PZ-41S, PZ-42I, PZ-43S, PZ-44I, PZ-69I

Chromium (mg/L)
SGWC-6, SGWC-11, PZ-40I, PZ-69I

Cobalt (mg/L)
PZ-17I

Lead (mg/L)
SGWC-9, SGWC-11, PZ-14S, PZ-17I, PZ-39S, PZ-40I, PZ-41S, PZ-43S, PZ-44I, PZ-69I

Mercury (mg/L)
SGWC-19, PZ-14S, PZ-17I, PZ-39S, PZ-40I, PZ-41S, PZ-42I, PZ-43S, PZ-69I

Molybdenum (mg/L)
SGWC-10, SGWC-11, SGWC-13, SGWC-15, SGWC-17, SGWC-18, SGWC-19, SGWC-20, SGWC-21, SGWC-22, PZ-13S, PZ-14S, PZ-17I, PZ-41S, PZ-44I

Selenium (mg/L)
SGWC-8, SGWC-9, SGWC-10, SGWC-21, SGWC-22, PZ-13S, PZ-14S, PZ-43S, PZ-69I

Thallium (mg/L)
SGWC-19, SGWC-21, PZ-13S, PZ-14S, PZ-17I, PZ-39S, PZ-40I, PZ-42I, PZ-43S, PZ-44I, PZ-69I

Interwell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/8/2025, 11:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	SGWC-9	0.18	n/a	7/30/2025	1.3	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-10	0.18	n/a	7/30/2025	0.36	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-11	0.18	n/a	7/31/2025	0.86	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-13	0.18	n/a	7/30/2025	1	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-14	0.18	n/a	7/31/2025	1.4	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-15	0.18	n/a	7/30/2025	1.3	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-16	0.18	n/a	7/23/2025	0.83	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-17	0.18	n/a	7/23/2025	0.39	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-18	0.18	n/a	7/25/2025	5.1	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-19	0.18	n/a	7/24/2025	1.9	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-20	0.18	n/a	7/24/2025	1.5	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-21	0.18	n/a	7/28/2025	1.3	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-22	0.18	n/a	7/28/2025	0.41	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-23	0.18	n/a	7/28/2025	0.28	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Calcium (mg/L)	SGWC-8	23	n/a	7/30/2025	37	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-9	23	n/a	7/30/2025	42	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-12	23	n/a	7/31/2025	25	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-13	23	n/a	7/30/2025	34	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-14	23	n/a	7/31/2025	29	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-17	23	n/a	7/23/2025	77	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-18	23	n/a	7/25/2025	34	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-19	23	n/a	7/24/2025	39	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-21	23	n/a	7/28/2025	45	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Chloride (mg/L)	SGWC-8	3.249	n/a	7/30/2025	16	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-9	3.249	n/a	7/30/2025	27	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-10	3.249	n/a	7/30/2025	9.3	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-11	3.249	n/a	7/31/2025	11	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-12	3.249	n/a	7/31/2025	8.7	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-13	3.249	n/a	7/30/2025	19	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-14	3.249	n/a	7/31/2025	17	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-15	3.249	n/a	7/30/2025	14	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-16	3.249	n/a	7/23/2025	10	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-17	3.249	n/a	7/23/2025	7.7	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-18	3.249	n/a	7/25/2025	7.2	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-19	3.249	n/a	7/24/2025	11	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-20	3.249	n/a	7/24/2025	8	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-21	3.249	n/a	7/28/2025	5.3	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-22	3.249	n/a	7/28/2025	9.3	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-23	3.249	n/a	7/28/2025	6.9	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Fluoride (mg/L)	SGWC-7	0.2	n/a	7/30/2025	0.25	Yes	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-8	0.2	n/a	7/30/2025	0.47	Yes	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
pH, Field (SU)	SGWC-11	7.01	5.09	7/31/2025	5.08	Yes	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-15	7.01	5.09	7/30/2025	4.52	Yes	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-16	7.01	5.09	7/23/2025	5.02	Yes	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-18	7.01	5.09	7/25/2025	4.86	Yes	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-20	7.01	5.09	7/24/2025	4.28	Yes	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-7	3.75	n/a	7/30/2025	4.4	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-8	3.75	n/a	7/30/2025	37	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-9	3.75	n/a	7/30/2025	190	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-10	3.75	n/a	7/30/2025	49	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-11	3.75	n/a	7/31/2025	28	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-12	3.75	n/a	7/31/2025	86	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-13	3.75	n/a	7/30/2025	170	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-14	3.75	n/a	7/31/2025	220	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-15	3.75	n/a	7/30/2025	200	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-16	3.75	n/a	7/23/2025	87	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-17	3.75	n/a	7/23/2025	360	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-18	3.75	n/a	7/25/2025	870	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-19	3.75	n/a	7/24/2025	290	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-20	3.75	n/a	7/24/2025	270	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-21	3.75	n/a	7/28/2025	120	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-22	3.75	n/a	7/28/2025	71	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-23	3.75	n/a	7/28/2025	36	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-7	159.3	n/a	7/30/2025	160	Yes	175	0.5714	No	0.000418	Param Inter 1 of 2
TDS (mg/L)	SGWC-8	159.3	n/a	7/30/2025	310	Yes	175	0.5714	No	0.000418	Param Inter 1 of 2
TDS (mg/L)	SGWC-9	159.3	n/a	7/30/2025	460	Yes	175	0.5714	No	0.000418	Param Inter 1 of 2
TDS (mg/L)	SGWC-12	159.3	n/a	7/31/2025	260	Yes	175	0.5714	No	0.000418	Param Inter 1 of 2
TDS (mg/L)	SGWC-13	159.3	n/a	7/30/2025	360	Yes	175	0.5714	No	0.000418	Param Inter 1 of 2

Interwell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/8/2025, 11:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
TDS (mg/L)	**SGWC-14**	**159.3**	**n/a**	**7/31/2025**	**420**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-15**	**159.3**	**n/a**	**7/30/2025**	**440**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-16**	**159.3**	**n/a**	**7/23/2025**	**170**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-17**	**159.3**	**n/a**	**7/23/2025**	**720**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-18**	**159.3**	**n/a**	**7/25/2025**	**1300**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-19**	**159.3**	**n/a**	**7/24/2025**	**580**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-20**	**159.3**	**n/a**	**7/24/2025**	**420**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-21**	**159.3**	**n/a**	**7/28/2025**	**420**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-22**	**159.3**	**n/a**	**7/28/2025**	**210**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-23**	**159.3**	**n/a**	**7/28/2025**	**170**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**

Interwell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/8/2025, 11:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	SGWC-6	0.18	n/a	7/29/2025	0.08ND	No	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-7	0.18	n/a	7/30/2025	0.08ND	No	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-8	0.18	n/a	7/30/2025	0.08ND	No	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	**SGWC-9**	**0.18**	**n/a**	**7/30/2025**	**1.3**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-10**	**0.18**	**n/a**	**7/30/2025**	**0.36**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-11**	**0.18**	**n/a**	**7/31/2025**	**0.86**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	SGWC-12	0.18	n/a	7/31/2025	0.08ND	No	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	**SGWC-13**	**0.18**	**n/a**	**7/30/2025**	**1**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-14**	**0.18**	**n/a**	**7/31/2025**	**1.4**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-15**	**0.18**	**n/a**	**7/30/2025**	**1.3**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-16**	**0.18**	**n/a**	**7/23/2025**	**0.83**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-17**	**0.18**	**n/a**	**7/23/2025**	**0.39**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-18**	**0.18**	**n/a**	**7/25/2025**	**5.1**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-19**	**0.18**	**n/a**	**7/24/2025**	**1.9**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-20**	**0.18**	**n/a**	**7/24/2025**	**1.5**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-21**	**0.18**	**n/a**	**7/28/2025**	**1.3**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-22**	**0.18**	**n/a**	**7/28/2025**	**0.41**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-23**	**0.18**	**n/a**	**7/28/2025**	**0.28**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	SGWC-6	23	n/a	7/29/2025	14	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-7	23	n/a	7/30/2025	17	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-8**	**23**	**n/a**	**7/30/2025**	**37**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-9**	**23**	**n/a**	**7/30/2025**	**42**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-10	23	n/a	7/30/2025	7.9	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-11	23	n/a	7/31/2025	3.1	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-12**	**23**	**n/a**	**7/31/2025**	**25**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-13**	**23**	**n/a**	**7/30/2025**	**34**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-14**	**23**	**n/a**	**7/31/2025**	**29**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-15	23	n/a	7/30/2025	16	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-16	23	n/a	7/23/2025	1.9	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-17**	**23**	**n/a**	**7/23/2025**	**77**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-18**	**23**	**n/a**	**7/25/2025**	**34**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-19**	**23**	**n/a**	**7/24/2025**	**39**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-20	23	n/a	7/24/2025	19	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-21**	**23**	**n/a**	**7/28/2025**	**45**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-22	23	n/a	7/28/2025	23	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-23	23	n/a	7/28/2025	17	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Chloride (mg/L)	SGWC-6	3.249	n/a	7/29/2025	2.2	No	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-7	3.249	n/a	7/30/2025	3.2	No	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	**SGWC-8**	**3.249**	**n/a**	**7/30/2025**	**16**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-9**	**3.249**	**n/a**	**7/30/2025**	**27**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-10**	**3.249**	**n/a**	**7/30/2025**	**9.3**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-11**	**3.249**	**n/a**	**7/31/2025**	**11**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-12**	**3.249**	**n/a**	**7/31/2025**	**8.7**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-13**	**3.249**	**n/a**	**7/30/2025**	**19**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-14**	**3.249**	**n/a**	**7/31/2025**	**17**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-15**	**3.249**	**n/a**	**7/30/2025**	**14**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-16**	**3.249**	**n/a**	**7/23/2025**	**10**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-17**	**3.249**	**n/a**	**7/23/2025**	**7.7**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-18**	**3.249**	**n/a**	**7/25/2025**	**7.2**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-19**	**3.249**	**n/a**	**7/24/2025**	**11**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-20**	**3.249**	**n/a**	**7/24/2025**	**8**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-21**	**3.249**	**n/a**	**7/28/2025**	**5.3**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-22**	**3.249**	**n/a**	**7/28/2025**	**9.3**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-23**	**3.249**	**n/a**	**7/28/2025**	**6.9**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Fluoride (mg/L)	SGWC-6	0.2	n/a	7/29/2025	0.19J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**SGWC-7**	**0.2**	**n/a**	**7/30/2025**	**0.25**	**Yes**	**202**	**56.93**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	**SGWC-8**	**0.2**	**n/a**	**7/30/2025**	**0.47**	**Yes**	**202**	**56.93**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	SGWC-9	0.2	n/a	7/30/2025	0.13J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-10	0.2	n/a	7/30/2025	0.15J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-11	0.2	n/a	7/31/2025	0.12J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-12	0.2	n/a	7/31/2025	0.16J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-13	0.2	n/a	7/30/2025	0.083J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-14	0.2	n/a	7/31/2025	0.13J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-15	0.2	n/a	7/30/2025	0.18J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-16	0.2	n/a	7/23/2025	0.14J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-17	0.2	n/a	7/23/2025	0.14J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-18	0.2	n/a	7/25/2025	0.13J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-19	0.2	n/a	7/24/2025	0.082J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2

Interwell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/8/2025, 11:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Fluoride (mg/L)	SGWC-20	0.2	n/a	7/24/2025	0.2	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-21	0.2	n/a	7/28/2025	0.11J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-22	0.2	n/a	7/28/2025	0.082J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-23	0.2	n/a	7/28/2025	0.19J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
pH, Field (SU)	SGWC-6	7.01	5.09	7/29/2025	6.09	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-7	7.01	5.09	7/30/2025	6.37	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-8	7.01	5.09	7/30/2025	6.49	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-9	7.01	5.09	7/30/2025	6.11	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-10	7.01	5.09	7/30/2025	5.28	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	**SGWC-11**	**7.01**	**5.09**	**7/31/2025**	**5.08**	**Yes**	**212**	**0**	**n/a**	**0.00009812**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	SGWC-12	7.01	5.09	7/31/2025	6.18	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-13	7.01	5.09	7/30/2025	5.78	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-14	7.01	5.09	7/31/2025	5.44	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	**SGWC-15**	**7.01**	**5.09**	**7/30/2025**	**4.52**	**Yes**	**212**	**0**	**n/a**	**0.00009812**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	**SGWC-16**	**7.01**	**5.09**	**7/23/2025**	**5.02**	**Yes**	**212**	**0**	**n/a**	**0.00009812**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	SGWC-17	7.01	5.09	7/23/2025	6.11	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	**SGWC-18**	**7.01**	**5.09**	**7/25/2025**	**4.86**	**Yes**	**212**	**0**	**n/a**	**0.00009812**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	SGWC-19	7.01	5.09	7/24/2025	5.4	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	**SGWC-20**	**7.01**	**5.09**	**7/24/2025**	**4.28**	**Yes**	**212**	**0**	**n/a**	**0.00009812**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	SGWC-21	7.01	5.09	7/28/2025	6.19	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-22	7.01	5.09	7/28/2025	5.63	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-23	7.01	5.09	7/28/2025	5.88	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-6	3.75	n/a	7/29/2025	1ND	No	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**SGWC-7**	**3.75**	**n/a**	**7/30/2025**	**4.4**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-8**	**3.75**	**n/a**	**7/30/2025**	**37**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-9**	**3.75**	**n/a**	**7/30/2025**	**190**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-10**	**3.75**	**n/a**	**7/30/2025**	**49**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-11**	**3.75**	**n/a**	**7/31/2025**	**28**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-12**	**3.75**	**n/a**	**7/31/2025**	**86**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-13**	**3.75**	**n/a**	**7/30/2025**	**170**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-14**	**3.75**	**n/a**	**7/31/2025**	**220**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-15**	**3.75**	**n/a**	**7/30/2025**	**200**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-16**	**3.75**	**n/a**	**7/23/2025**	**87**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-17**	**3.75**	**n/a**	**7/23/2025**	**360**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-18**	**3.75**	**n/a**	**7/25/2025**	**870**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-19**	**3.75**	**n/a**	**7/24/2025**	**290**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-20**	**3.75**	**n/a**	**7/24/2025**	**270**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-21**	**3.75**	**n/a**	**7/28/2025**	**120**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-22**	**3.75**	**n/a**	**7/28/2025**	**71**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-23**	**3.75**	**n/a**	**7/28/2025**	**36**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	SGWC-6	159.3	n/a	7/29/2025	130	No	175	0.5714	No	0.000418	Param Inter 1 of 2
TDS (mg/L)	**SGWC-7**	**159.3**	**n/a**	**7/30/2025**	**160**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-8**	**159.3**	**n/a**	**7/30/2025**	**310**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-9**	**159.3**	**n/a**	**7/30/2025**	**460**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	SGWC-10	159.3	n/a	7/30/2025	120	No	175	0.5714	No	0.000418	Param Inter 1 of 2
TDS (mg/L)	SGWC-11	159.3	n/a	7/31/2025	97	No	175	0.5714	No	0.000418	Param Inter 1 of 2
TDS (mg/L)	**SGWC-12**	**159.3**	**n/a**	**7/31/2025**	**260**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-13**	**159.3**	**n/a**	**7/30/2025**	**360**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-14**	**159.3**	**n/a**	**7/31/2025**	**420**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-15**	**159.3**	**n/a**	**7/30/2025**	**440**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-16**	**159.3**	**n/a**	**7/23/2025**	**170**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-17**	**159.3**	**n/a**	**7/23/2025**	**720**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-18**	**159.3**	**n/a**	**7/25/2025**	**1300**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-19**	**159.3**	**n/a**	**7/24/2025**	**580**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-20**	**159.3**	**n/a**	**7/24/2025**	**420**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-21**	**159.3**	**n/a**	**7/28/2025**	**420**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-22**	**159.3**	**n/a**	**7/28/2025**	**210**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-23**	**159.3**	**n/a**	**7/28/2025**	**170**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/8/2025, 11:33 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	SGWC-10	0.02731	223	111	Yes	25	8	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-11	0.05736	267	111	Yes	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-16	0.02822	179	111	Yes	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-18	0.371	197	118	Yes	26	0	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-20	-0.05175	-135	-111	Yes	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-22	0.01754	141	111	Yes	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-23	-0.03035	-170	-111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWA-2 (bg)	0.2587	181	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWA-3 (bg)	0.1415	127	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWA-4 (bg)	0.629	202	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWA-5 (bg)	0.04741	137	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWA-24 (bg)	0.6822	226	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWC-9	-2.046	-153	-111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWC-13	1.143	240	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWC-17	3.868	260	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWC-19	0.897	140	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWC-21	1.625	191	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWA-24 (bg)	0.1903	167	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-9	1.283	215	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-11	0.3717	160	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-12	0.1566	152	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-13	1.228	250	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-14	0.462	145	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-15	0.3193	180	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-16	0.3	204	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-18	1.207	133	118	Yes	26	3.846	n/a	n/a	0.01	NP
pH, Field (SU)	SGWA-3 (bg)	0.02153	175	146	Yes	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWA-4 (bg)	-0.01938	-197	-146	Yes	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWC-11	-0.0778	-323	-146	Yes	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWC-16	-0.02214	-238	-152	Yes	31	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWC-18	0.01998	181	146	Yes	30	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWA-3 (bg)	-0.1089	-143	-111	Yes	25	4	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWA-4 (bg)	-0.1056	-143	-111	Yes	25	8	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-7	-1.719	-211	-111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-9	-15.53	-154	-111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-12	4.855	236	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-13	4.342	194	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-16	6.687	294	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-17	17.12	272	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-19	7.718	151	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-21	6.014	172	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-22	3.632	128	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-23	-9.483	-251	-111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWA-4 (bg)	5.751	166	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWA-24 (bg)	2.94	115	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-7	-6.777	-184	-111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-8	-6.814	-117	-111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-9	-19.03	-152	-111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-13	11.13	195	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-14	5.527	127	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-16	11.54	230	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-17	22.76	259	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-19	12.09	141	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-21	10.3	127	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-23	-10.71	-165	-111	Yes	25	0	n/a	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/8/2025, 11:33 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	SGWA-1 (bg)	0	-42	-111	No	25	84	n/a	n/a	0.01	NP
Boron (mg/L)	SGWA-2 (bg)	0	-44	-111	No	25	84	n/a	n/a	0.01	NP
Boron (mg/L)	SGWA-3 (bg)	0	-8	-111	No	25	84	n/a	n/a	0.01	NP
Boron (mg/L)	SGWA-4 (bg)	0	1	111	No	25	92	n/a	n/a	0.01	NP
Boron (mg/L)	SGWA-5 (bg)	0	-39	-111	No	25	92	n/a	n/a	0.01	NP
Boron (mg/L)	SGWA-24 (bg)	0	7	111	No	25	92	n/a	n/a	0.01	NP
Boron (mg/L)	SGWA-25 (bg)	0	19	111	No	25	88	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-9	-0.02085	-72	-111	No	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	**SGWC-10**	**0.02731**	**223**	**111**	**Yes**	**25**	**8**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**SGWC-11**	**0.05736**	**267**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-13	0.02336	101	111	No	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-14	0.01555	88	111	No	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-15	-0.02473	-93	-111	No	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	**SGWC-16**	**0.02822**	**179**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-17	0.002158	21	111	No	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	**SGWC-18**	**0.371**	**197**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-19	0.0143	64	111	No	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	**SGWC-20**	**-0.05175**	**-135**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-21	-0.01349	-80	-111	No	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	**SGWC-22**	**0.01754**	**141**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**SGWC-23**	**-0.03035**	**-170**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWA-1 (bg)	-0.01578	-31	-111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**SGWA-2 (bg)**	**0.2587**	**181**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-3 (bg)**	**0.1415**	**127**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-4 (bg)**	**0.629**	**202**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-5 (bg)**	**0.04741**	**137**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-24 (bg)**	**0.6822**	**226**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWA-25 (bg)	-0.04839	-48	-111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWC-8	-0.6391	-55	-111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**SGWC-9**	**-2.046**	**-153**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWC-12	0.2604	102	111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**SGWC-13**	**1.143**	**240**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWC-14	0	18	111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**SGWC-17**	**3.868**	**260**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWC-18	-1.746	-80	-118	No	26	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**SGWC-19**	**0.897**	**140**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWC-21**	**1.625**	**191**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWA-1 (bg)	0.01541	44	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWA-2 (bg)	0	33	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWA-3 (bg)	-0.06752	-101	-111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWA-4 (bg)	0	2	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWA-5 (bg)	0.02609	82	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**SGWA-24 (bg)**	**0.1903**	**167**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWA-25 (bg)	0	5	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-8	0.466	93	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**SGWC-9**	**1.283**	**215**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWC-10	0.05103	68	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**SGWC-11**	**0.3717**	**160**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-12**	**0.1566**	**152**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-13**	**1.228**	**250**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-14**	**0.462**	**145**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-15**	**0.3193**	**180**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-16**	**0.3**	**204**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWC-17	-0.03078	-37	-111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**SGWC-18**	**1.207**	**133**	**118**	**Yes**	**26**	**3.846**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWC-19	0.3179	105	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-20	-0.1986	-109	-111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-21	0.1421	44	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-22	0.04042	80	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-23	0.2306	91	111	No	25	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWA-1 (bg)	0	-60	-139	No	29	86.21	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWA-2 (bg)	0	-47	-139	No	29	41.38	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWA-3 (bg)	0	-2	-139	No	29	65.52	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWA-4 (bg)	-0.003112	-75	-131	No	28	39.29	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWA-5 (bg)	0	-53	-139	No	29	75.86	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWA-24 (bg)	-0.0001474	-67	-139	No	29	41.38	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWA-25 (bg)	0	-6	-139	No	29	48.28	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWC-7	-0.004175	-55	-139	No	29	3.448	n/a	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/8/2025, 11:33 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Fluoride (mg/L)	SGWC-8	0.004953	29	139	No	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWA-1 (bg)	-0.01469	-85	-146	No	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWA-2 (bg)	0.004457	55	146	No	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	**SGWA-3 (bg)**	**0.02153**	**175**	**146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**SGWA-4 (bg)**	**-0.01938**	**-197**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	SGWA-5 (bg)	-0.009834	-90	-152	No	31	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWA-24 (bg)	0	3	146	No	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWA-25 (bg)	-0.01499	-116	-152	No	31	0	n/a	n/a	0.01	NP
pH, Field (SU)	**SGWC-11**	**-0.0778**	**-323**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	SGWC-15	-0.01174	-131	-146	No	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	**SGWC-16**	**-0.02214**	**-238**	**-152**	**Yes**	**31**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**SGWC-18**	**0.01998**	**181**	**146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	SGWC-20	-0.00402	-61	-146	No	30	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWA-1 (bg)	-0.01553	-33	-111	No	25	20	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWA-2 (bg)	0	30	111	No	25	52	n/a	n/a	0.01	NP
Sulfate (mg/L)	**SGWA-3 (bg)**	**-0.1089**	**-143**	**-111**	**Yes**	**25**	**4**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWA-4 (bg)**	**-0.1056**	**-143**	**-111**	**Yes**	**25**	**8**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWA-5 (bg)	0	56	111	No	25	84	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWA-24 (bg)	0	33	111	No	25	84	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWA-25 (bg)	0	33	111	No	25	80	n/a	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-7**	**-1.719**	**-211**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-8	-1.622	-28	-111	No	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-9**	**-15.53**	**-154**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-10	1.159	79	111	No	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-11	-0.04462	-11	-111	No	25	12	n/a	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-12**	**4.855**	**236**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-13**	**4.342**	**194**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-14	2.973	108	111	No	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-15	0	60	111	No	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-16**	**6.687**	**294**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-17**	**17.12**	**272**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-18	42.53	66	118	No	26	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-19**	**7.718**	**151**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-20	0	24	111	No	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-21**	**6.014**	**172**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-22**	**3.632**	**128**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-23**	**-9.483**	**-251**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWA-1 (bg)	2.214	61	111	No	25	4	n/a	n/a	0.01	NP
TDS (mg/L)	SGWA-2 (bg)	1.452	74	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWA-3 (bg)	2.276	72	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWA-4 (bg)**	**5.751**	**166**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWA-5 (bg)	1.88	70	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWA-24 (bg)**	**2.94**	**115**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWA-25 (bg)	-1.019	-52	-111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWC-7**	**-6.777**	**-184**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**SGWC-8**	**-6.814**	**-117**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**SGWC-9**	**-19.03**	**-152**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-12	3.025	108	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWC-13**	**11.13**	**195**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**SGWC-14**	**5.527**	**127**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-15	2.582	73	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWC-16**	**11.54**	**230**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**SGWC-17**	**22.76**	**259**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-18	66.41	76	118	No	26	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWC-19**	**12.09**	**141**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-20	3.64	57	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWC-21**	**10.3**	**127**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-22	6.885	101	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWC-23**	**-10.71**	**-165**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Cobalt SGWA-1 & SGWA-25 Trend Tests - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/24/2025, 11:20 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	**SGWA-1 (bg)**	**-0.001435**	**-253**	**-101**	**Yes**	**28**	**3.571**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWA-25 (bg)**	**-0.001423**	**-201**	**-101**	**Yes**	**28**	**17.86**	**n/a**	**n/a**	**0.05**	**NP**

Cobalt SGWA-1 & SGWA-25 Trend Tests - Truncated Record - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/24/2025, 11:18 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	SGWA-1 (bg)	-0.00006506	-37	-53	No	18	5.556	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWA-25 (bg)	0	6	30	No	12	41.67	n/a	n/a	0.05	NP

Upper Tolerance Limits Summary Table

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/24/2025, 10:19 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony (mg/L)	n/a	0.005	n/a	n/a	n/a	161	95.65	n/a	0.0002591	NP Inter(NDs)
Arsenic (mg/L)	n/a	0.005	n/a	n/a	n/a	196	88.78	n/a	NaN	NP Inter(NDs)
Barium (mg/L)	n/a	0.091	n/a	n/a	n/a	196	0	n/a	NaN	NP Inter(normality)
Beryllium (mg/L)	n/a	0.001	n/a	n/a	n/a	196	91.84	n/a	NaN	NP Inter(NDs)
Cadmium (mg/L)	n/a	0.0011	n/a	n/a	n/a	189	98.94	n/a	NaN	NP Inter(NDs)
Chromium (mg/L)	n/a	0.028	n/a	n/a	n/a	203	24.14	n/a	NaN	NP Inter(normality)
Cobalt (mg/L)	n/a	0.005	n/a	n/a	n/a	170	78.24	n/a	0.0001633	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	n/a	1.66	n/a	n/a	n/a	196	0	n/a	NaN	NP Inter(normality)
Fluoride (mg/L)	n/a	0.2	n/a	n/a	n/a	202	56.93	n/a	NaN	NP Inter(NDs)
Lead (mg/L)	n/a	0.001	n/a	n/a	n/a	196	94.39	n/a	NaN	NP Inter(NDs)
Lithium (mg/L)	n/a	0.02	n/a	n/a	n/a	196	85.2	n/a	NaN	NP Inter(NDs)
Mercury (mg/L)	n/a	0.0005	n/a	n/a	n/a	198	93.43	n/a	NaN	NP Inter(NDs)
Molybdenum (mg/L)	n/a	0.005	n/a	n/a	n/a	189	92.59	n/a	NaN	NP Inter(NDs)
Selenium (mg/L)	n/a	0.005	n/a	n/a	n/a	196	93.37	n/a	NaN	NP Inter(NDs)
Thallium (mg/L)	n/a	0.001	n/a	n/a	n/a	196	93.37	n/a	NaN	NP Inter(NDs)

SCHERER ASH POND GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background Limit**	**GWPS**
Antimony, Total (mg/L)	0.006		0.005	0.006
Arsenic, Total (mg/L)	0.01		0.005	0.01
Barium, Total (mg/L)	2		0.091	2
Beryllium, Total (mg/L)	0.004		0.001	0.004
Cadmium, Total (mg/L)	0.005		0.0011	0.005
Chromium, Total (mg/L)	0.1		0.028	0.1
Cobalt, Total (mg/L)		0.006	0.005	0.006
Combined Radium, Total (pCi/L)	5		1.66	5
Fluoride, Total (mg/L)	4		0.2	4
Lead, Total (mg/L)		0.015	0.001	0.015
Lithium, Total (mg/L)		0.04	0.02	0.04
Mercury, Total (mg/L)	0.002		0.0005	0.002
Molybdenum, Total (mg/L)		0.1	0.005	0.1
Selenium, Total (mg/L)	0.05		0.005	0.05
Thallium, Total (mg/L)	0.002		0.001	0.002

**GWPS = Groundwater Protection Standard*

**MCL = Maximum Contaminant Level*

**CCR = Coal Combustion Residuals*

Confidence Intervals - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 11/17/2025, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**SGWC-10**	**0.02935**	**0.0221**	**0.006**	**Yes**	**28**	**0.02573**	**0.007755**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-11**	**0.0262**	**0.02066**	**0.006**	**Yes**	**28**	**0.02343**	**0.005928**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-14**	**0.0121**	**0.006903**	**0.006**	**Yes**	**28**	**0.01012**	**0.006878**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-15**	**0.272**	**0.2538**	**0.006**	**Yes**	**28**	**0.2629**	**0.01947**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-18**	**0.1367**	**0.09913**	**0.006**	**Yes**	**29**	**0.1179**	**0.04096**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-20**	**0.1956**	**0.144**	**0.006**	**Yes**	**28**	**0.1698**	**0.05522**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 11/17/2025, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	SGWC-7	0.005	0.0004	0.006	No	22	0.004791	0.0009807	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-10	0.005	0.0014	0.006	No	22	0.004836	0.0007675	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-13	0.005	0.0004	0.006	No	22	0.004791	0.0009807	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-18	0.005	0.0012	0.006	No	21	0.004819	0.0008292	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-19	0.005	0.0021	0.006	No	22	0.004868	0.0006183	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-20	0.005	0.0019	0.006	No	21	0.004852	0.0006765	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-21	0.005	0.0019	0.006	No	22	0.004859	0.0006609	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-22	0.005	0.0022	0.006	No	22	0.004873	0.000597	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-23	0.005	0.00098	0.006	No	22	0.004817	0.0008571	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-13S	0.005	0.00046	0.006	No	8	0.004432	0.001605	87.5	None	No	0.004	NP (NDs)
Antimony (mg/L)	PZ-17I	0.005	0.00061	0.006	No	8	0.004451	0.001552	87.5	None	No	0.004	NP (NDs)
Antimony (mg/L)	PZ-40I	0.005	0.00089	0.006	No	8	0.004486	0.001453	87.5	None	No	0.004	NP (NDs)
Antimony (mg/L)	PZ-42I	0.005	0.0009	0.006	No	8	0.004487	0.00145	87.5	None	No	0.004	NP (NDs)
Arsenic (mg/L)	SGWC-6	0.005	0.0006	0.01	No	28	0.004518	0.001418	89.29	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-7	0.005	0.0009	0.01	No	28	0.00406	0.001834	78.57	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-8	0.005	0.001	0.01	No	28	0.004063	0.001829	78.57	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-9	0.005	0.0009	0.01	No	28	0.003617	0.00205	67.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-10	0.005	0.00074	0.01	No	28	0.00453	0.001383	89.29	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-11	0.005	0.0011	0.01	No	28	0.003718	0.001898	67.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-12	0.005	0.0011	0.01	No	28	0.003635	0.002028	67.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-13	0.005	0.0014	0.01	No	28	0.004409	0.001481	85.71	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-14	0.005	0.0014	0.01	No	28	0.004266	0.00161	82.14	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-15	0.0026	0.0011	0.01	No	28	0.002169	0.001606	21.43	None	No	0.01	NP (normality)
Arsenic (mg/L)	SGWC-16	0.005	0.00055	0.01	No	28	0.004515	0.001426	89.29	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-17	0.005	0.0011	0.01	No	28	0.00408	0.001798	78.57	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-18	0.002845	0.001808	0.01	No	29	0.002327	0.001132	6.897	None	No	0.01	Param.
Arsenic (mg/L)	SGWC-19	0.005	0.00068	0.01	No	28	0.004688	0.001146	92.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-20	0.005	0.00059	0.01	No	28	0.002579	0.002158	42.86	None	No	0.01	NP (normality)
Arsenic (mg/L)	SGWC-21	0.005	0.00076	0.01	No	28	0.004849	0.0008013	96.43	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-22	0.005	0.00089	0.01	No	28	0.004033	0.001888	78.57	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-23	0.005	0.00079	0.01	No	28	0.004693	0.001128	92.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-39S	0.005	0.00028	0.01	No	9	0.004131	0.001771	77.78	None	No	0.002	NP (NDs)
Arsenic (mg/L)	PZ-42I	0.005	0.00049	0.01	No	9	0.004499	0.001503	88.89	None	No	0.002	NP (NDs)
Arsenic (mg/L)	PZ-69I	0.005	0.00059	0.01	No	8	0.003379	0.002238	62.5	None	No	0.004	NP (NDs)
Barium (mg/L)	SGWC-6	0.1243	0.08413	2	No	28	0.1042	0.04301	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-7	0.2828	0.2464	2	No	28	0.2646	0.03892	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-8	0.183	0.1575	2	No	28	0.1702	0.02727	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-9	0.06279	0.05192	2	No	28	0.05735	0.01164	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-10	0.0348	0.02899	2	No	28	0.0322	0.006733	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	SGWC-11	0.045	0.038	2	No	28	0.04526	0.01178	0	None	No	0.01	NP (normality)
Barium (mg/L)	SGWC-12	0.05695	0.04459	2	No	28	0.05077	0.01323	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-13	0.03721	0.03026	2	No	28	0.03374	0.007438	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-14	0.05536	0.0462	2	No	28	0.05078	0.009802	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-15	0.03571	0.02989	2	No	28	0.0328	0.006228	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-16	0.03374	0.02306	2	No	28	0.0296	0.01274	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	SGWC-17	0.02501	0.02076	2	No	28	0.02289	0.004544	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-18	0.02072	0.014	2	No	29	0.01795	0.007802	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	SGWC-19	0.03726	0.02969	2	No	28	0.03347	0.0081	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-20	0.03	0.02342	2	No	28	0.02719	0.007639	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	SGWC-21	0.12	0.092	2	No	28	0.104	0.01415	0	None	No	0.01	NP (normality)
Barium (mg/L)	SGWC-22	0.08703	0.07784	2	No	28	0.08243	0.009836	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-23	0.07747	0.06465	2	No	28	0.07156	0.014	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	PZ-13S	0.04909	0.04241	2	No	8	0.04575	0.003151	0	None	No	0.01	Param.
Barium (mg/L)	PZ-14S	0.03648	0.03252	2	No	10	0.0345	0.002224	0	None	No	0.01	Param.
Barium (mg/L)	PZ-17I	0.06385	0.05549	2	No	9	0.05967	0.00433	0	None	No	0.01	Param.
Barium (mg/L)	PZ-39S	0.04414	0.03557	2	No	9	0.03911	0.007491	0	None	x^4	0.01	Param.
Barium (mg/L)	PZ-40I	0.089	0.031	2	No	9	0.044	0.01832	0	None	No	0.002	NP (normality)
Barium (mg/L)	PZ-41S	0.032	0.023	2	No	10	0.0286	0.01101	0	None	No	0.011	NP (normality)
Barium (mg/L)	PZ-42I	0.1	0.047	2	No	9	0.05611	0.01668	0	None	No	0.002	NP (normality)
Barium (mg/L)	PZ-43S	0.09337	0.06129	2	No	9	0.07733	0.01823	0	None	ln(x)	0.01	Param.
Barium (mg/L)	PZ-44I	0.01176	0.007755	2	No	9	0.009756	0.002073	0	None	No	0.01	Param.
Barium (mg/L)	PZ-69I	0.1896	0.1429	2	No	8	0.1663	0.022	0	None	No	0.01	Param.
Beryllium (mg/L)	SGWC-6	0.001	0.0002	0.004	No	28	0.0009714	0.0001512	96.43	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-7	0.001	0.00033	0.004	No	28	0.0009479	0.0001921	92.86	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-8	0.001	0.00057	0.004	No	28	0.0009307	0.0002105	89.29	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-9	0.001	0.00032	0.004	No	28	0.0009757	0.0001285	96.43	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-10	0.001	0.00048	0.004	No	28	0.000955	0.0001679	92.86	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-11	0.001	0.00032	0.004	No	28	0.0009757	0.0001285	96.43	None	No	0.01	NP (NDs)

Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 11/17/2025, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	SGWC-13	0.001	0.00039	0.004	No	28	0.0009782	0.0001153	96.43	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-14	0.001	0.00053	0.004	No	28	0.0009268	0.000221	89.29	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-15	0.0005	0.00038	0.004	No	28	0.0004568	0.0001449	10.71	None	No	0.01	NP (normality)
Beryllium (mg/L)	SGWC-16	0.001	0.00044	0.004	No	28	0.00098	0.0001058	96.43	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-17	0.001	0.00028	0.004	No	28	0.0009743	0.0001361	96.43	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-18	0.001	0.00035	0.004	No	29	0.0006948	0.0003484	55.17	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-19	0.001	0.00022	0.004	No	28	0.0007968	0.0003585	75	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-20	0.000816	0.0006598	0.004	No	28	0.0007379	0.0001671	0	None	No	0.01	Param.
Beryllium (mg/L)	SGWC-22	0.001	0.00033	0.004	No	28	0.0009761	0.0001266	96.43	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-6	0.0007	0.00022	0.005	No	27	0.0006822	0.00009238	96.3	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-8	0.0007	0.00031	0.005	No	27	0.0006856	0.00007506	96.3	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-11	0.0007	0.00022	0.005	No	27	0.0006822	0.00009238	96.3	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-14	0.0007	0.00057	0.005	No	27	0.0006076	0.0002135	81.48	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-15	0.00047	0.00027	0.005	No	27	0.0009687	0.001015	29.63	None	No	0.01	NP (normality)
Cadmium (mg/L)	SGWC-16	0.0025	0.00042	0.005	No	27	0.002423	0.0004003	96.3	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-18	0.0025	0.00032	0.005	No	27	0.00168	0.001095	62.96	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-19	0.0007	0.00036	0.005	No	27	0.0006652	0.0001305	92.59	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-20	0.0007	0.00015	0.005	No	27	0.0005918	0.0002315	81.48	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-21	0.0007	0.00039	0.005	No	27	0.0006885	0.00005966	96.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-7	0.005	0.0026	0.1	No	28	0.004679	0.0009589	89.29	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-8	0.005	0.0023	0.1	No	28	0.005532	0.009821	50	None	No	0.01	NP (normality)
Chromium (mg/L)	SGWC-9	0.005	0.0039	0.1	No	28	0.004843	0.00065	92.86	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-10	0.005	0.0012	0.1	No	28	0.004864	0.0007181	96.43	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-12	0.005	0.0023	0.1	No	28	0.004904	0.0005103	96.43	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-13	0.005	0.0017	0.1	No	28	0.004882	0.0006236	96.43	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-14	0.005	0.0019	0.1	No	28	0.003921	0.001769	64.29	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-15	0.0346	0.03243	0.1	No	28	0.03351	0.002315	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-16	0.0124	0.01052	0.1	No	28	0.01146	0.002016	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-17	0.00727	0.004966	0.1	No	28	0.006118	0.002466	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-18	0.01	0.008019	0.1	No	29	0.009224	0.00247	0	None	ln(x)	0.01	Param.
Chromium (mg/L)	SGWC-19	0.01571	0.01444	0.1	No	28	0.01508	0.001356	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-20	0.005	0.0024	0.1	No	28	0.004275	0.001436	78.57	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-21	0.005	0.0022	0.1	No	28	0.004289	0.001395	78.57	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-22	0.005	0.0022	0.1	No	28	0.003714	0.001682	60.71	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-23	0.005	0.0016	0.1	No	28	0.002964	0.0016	35.71	None	No	0.01	NP (normality)
Chromium (mg/L)	PZ-13S	0.004001	0.002449	0.1	No	8	0.003225	0.0007324	12.5	None	No	0.01	Param.
Chromium (mg/L)	PZ-14S	0.002592	0.001828	0.1	No	10	0.00221	0.000428	10	None	No	0.01	Param.
Chromium (mg/L)	PZ-17I	0.004177	0.002712	0.1	No	9	0.003444	0.0007585	11.11	None	No	0.01	Param.
Chromium (mg/L)	PZ-39S	0.02849	0.01567	0.1	No	9	0.02152	0.008584	0	None	x^2	0.01	Param.
Chromium (mg/L)	PZ-41S	0.005891	0.005066	0.1	No	10	0.005175	0.001415	10	None	x^6	0.01	Param.
Chromium (mg/L)	PZ-42I	0.005	0.0012	0.1	No	9	0.004356	0.001356	77.78	None	No	0.002	NP (NDs)
Chromium (mg/L)	PZ-43S	0.0053	0.0012	0.1	No	9	0.002278	0.001164	44.44	None	No	0.002	NP (normality)
Chromium (mg/L)	PZ-44I	0.005	0.0013	0.1	No	9	0.004544	0.001224	77.78	None	No	0.002	NP (NDs)
Cobalt (mg/L)	SGWC-6	0.005	0.0018	0.006	No	28	0.003312	0.001972	50	None	No	0.01	NP (normality)
Cobalt (mg/L)	SGWC-7	0.008403	0.003624	0.006	No	28	0.006014	0.005113	3.571	None	No	0.01	Param.
Cobalt (mg/L)	SGWC-8	0.005	0.00265	0.006	No	28	0.003782	0.002009	71.43	None	No	0.01	NP (NDs)
Cobalt (mg/L)	SGWC-9	0.013	0.00084	0.006	No	28	0.006875	0.005983	3.571	None	No	0.01	NP (normality)
Cobalt (mg/L)	**SGWC-10**	**0.02935**	**0.0221**	**0.006**	**Yes**	**28**	**0.02573**	**0.007755**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-11**	**0.0262**	**0.02066**	**0.006**	**Yes**	**28**	**0.02343**	**0.005928**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-12	0.003385	0.00212	0.006	No	28	0.002753	0.001353	0	None	No	0.01	Param.
Cobalt (mg/L)	SGWC-13	0.0068	0.0019	0.006	No	28	0.004357	0.003561	0	None	No	0.01	NP (normality)
Cobalt (mg/L)	**SGWC-14**	**0.0121**	**0.006903**	**0.006**	**Yes**	**28**	**0.01012**	**0.006878**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-15**	**0.272**	**0.2538**	**0.006**	**Yes**	**28**	**0.2629**	**0.01947**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-16	0.005382	0.003904	0.006	No	28	0.004783	0.001761	0	None	x^(1/3)	0.01	Param.
Cobalt (mg/L)	SGWC-17	0.00069	0.00043	0.006	No	28	0.0006164	0.0002952	14.29	None	No	0.01	NP (normality)
Cobalt (mg/L)	**SGWC-18**	**0.1367**	**0.09913**	**0.006**	**Yes**	**29**	**0.1179**	**0.04096**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-19	0.005	0.0006	0.006	No	28	0.003201	0.002285	60.71	None	No	0.01	NP (NDs)
Cobalt (mg/L)	**SGWC-20**	**0.1956**	**0.144**	**0.006**	**Yes**	**28**	**0.1698**	**0.05522**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-21	0.005	0.00022	0.006	No	28	0.003615	0.002231	71.43	None	No	0.01	NP (NDs)
Cobalt (mg/L)	SGWC-22	0.002586	0.001368	0.006	No	28	0.002141	0.001458	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	SGWC-23	0.005	0.00013	0.006	No	28	0.004826	0.0009203	96.43	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-13S	0.006229	0.004335	0.006	No	11	0.005282	0.001137	0	None	No	0.01	Param.
Cobalt (mg/L)	PZ-14S	0.005	0.00019	0.006	No	12	0.001465	0.002133	25	None	No	0.01	NP (normality)
Cobalt (mg/L)	PZ-39S	0.005	0.00028	0.006	No	11	0.002877	0.00244	54.55	None	No	0.006	NP (NDs)
Cobalt (mg/L)	PZ-40I	0.0076	0.00094	0.006	No	9	0.002196	0.002147	0	None	No	0.002	NP (normality)
Cobalt (mg/L)	PZ-41S	0.00216	0.0003333	0.006	No	12	0.002211	0.002763	16.67	Kaplan-Meier	x^(1/3)	0.01	Param.
Cobalt (mg/L)	PZ-42I	0.0064	0.00025	0.006	No	9	0.002171	0.00252	22.22	None	No	0.002	NP (normality)
Cobalt (mg/L)	PZ-43S	0.005	0.00097	0.006	No	11	0.004529	0.002221	72.73	None	No	0.006	NP (NDs)

Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 11/17/2025, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	PZ-44I	0.002368	0.001543	0.006	No	9	0.001956	0.0004275	0	None	No	0.01	Param.
Cobalt (mg/L)	PZ-69I	0.003012	0.001588	0.006	No	8	0.0023	0.0006719	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-6	0.3816	0.1741	5	No	28	0.2778	0.2221	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-7	0.5572	0.287	5	No	28	0.4221	0.2891	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-8	2.387	1.86	5	No	28	2.123	0.5634	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-9	0.425	0.132	5	No	28	0.2996	0.3029	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-10	0.47	0.123	5	No	28	0.3383	0.3415	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-11	0.5007	0.1945	5	No	28	0.3476	0.3276	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-12	0.4397	0.188	5	No	28	0.3138	0.2692	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-13	0.4673	0.2152	5	No	28	0.3413	0.2697	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-14	0.3396	0.09954	5	No	28	0.2196	0.2569	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-15	0.495	0.2971	5	No	28	0.3961	0.2118	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-16	0.3267	0.116	5	No	28	0.2214	0.2254	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-17	0.434	0.173	5	No	28	0.3164	0.2591	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-18	0.433	0.139	5	No	29	0.3212	0.334	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-19	0.396	0.114	5	No	28	0.2752	0.329	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-20	0.5122	0.2573	5	No	28	0.3847	0.2728	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-21	0.565	0.253	5	No	28	0.5221	0.4746	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-22	0.4381	0.1703	5	No	28	0.3573	0.3764	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-23	0.5878	0.3573	5	No	28	0.4726	0.2466	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-13S	0.3399	-0.07614	5	No	8	0.1319	0.1963	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-14S	0.399	0.1337	5	No	10	0.2664	0.1487	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-17I	1.436	-0.002303	5	No	10	0.8004	1.781	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-39S	0.5123	0.04733	5	No	9	0.2798	0.2408	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-40I	1.403	0.2897	5	No	9	0.8461	0.5763	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-41S	0.4533	-0.03566	5	No	10	0.2088	0.274	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-42I	0.821	0.1804	5	No	9	0.498	0.3793	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-43S	0.8392	0.1075	5	No	9	0.4693	0.4742	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-44I	0.8294	-0.00001804	5	No	9	0.3267	0.4386	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-69I	0.8623	0.1447	5	No	8	0.5035	0.3385	0	None	No	0.01	Param.
Fluoride (mg/L)	SGWC-6	0.121	0.09336	4	No	29	0.1415	0.04492	17.24	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	SGWC-7	0.2252	0.18	4	No	29	0.2026	0.04926	3.448	None	No	0.01	Param.
Fluoride (mg/L)	SGWC-8	0.5218	0.3754	4	No	29	0.4594	0.1734	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	SGWC-9	0.09418	0.05965	4	No	29	0.144	0.0946	41.38	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	SGWC-10	0.2	0.15	4	No	29	0.1697	0.06369	79.31	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-11	0.2	0.12	4	No	29	0.172	0.05746	79.31	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-12	0.09361	0.06547	4	No	29	0.1149	0.05776	24.14	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	SGWC-13	0.2	0.077	4	No	29	0.1517	0.07074	65.52	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-14	0.2	0.068	4	No	29	0.1527	0.07391	68.97	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-15	0.14	0.11	4	No	29	0.1348	0.04958	10.34	None	No	0.01	NP (normality)
Fluoride (mg/L)	SGWC-16	0.2	0.14	4	No	29	0.1602	0.06877	72.41	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-17	0.2	0.058	4	No	29	0.1232	0.07122	41.38	None	No	0.01	NP (normality)
Fluoride (mg/L)	SGWC-18	0.2	0.099	4	No	30	0.152	0.06586	60	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-19	0.2	0.18	4	No	29	0.1731	0.05911	79.31	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-20	0.2357	0.1677	4	No	29	0.2017	0.07428	10.34	None	No	0.01	Param.
Fluoride (mg/L)	SGWC-21	0.2	0.079	4	No	29	0.1272	0.05754	34.48	None	No	0.01	NP (normality)
Fluoride (mg/L)	SGWC-22	0.2	0.082	4	No	29	0.1547	0.0701	68.97	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-23	0.2	0.052	4	No	29	0.1198	0.07004	37.93	None	No	0.01	NP (normality)
Fluoride (mg/L)	PZ-13S	0.2	0.042	4	No	8	0.1526	0.0679	62.5	None	No	0.004	NP (NDs)
Fluoride (mg/L)	PZ-14S	0.2	0.043	4	No	10	0.1564	0.07191	70	None	No	0.011	NP (NDs)
Fluoride (mg/L)	PZ-17I	0.2	0.028	4	No	9	0.1306	0.08262	44.44	None	No	0.002	NP (normality)
Fluoride (mg/L)	PZ-39S	0.2	0.04	4	No	9	0.1369	0.07601	55.56	None	No	0.002	NP (NDs)
Fluoride (mg/L)	PZ-40I	0.2	0.036	4	No	9	0.1537	0.07158	66.67	None	No	0.002	NP (NDs)
Fluoride (mg/L)	PZ-41S	0.2	0.06	4	No	10	0.1695	0.06457	80	None	No	0.011	NP (NDs)
Fluoride (mg/L)	PZ-42I	0.09184	0.04147	4	No	9	0.1112	0.07039	33.33	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	PZ-43S	0.2	0.028	4	No	9	0.1374	0.07969	55.56	Kaplan-Meier	No	0.002	NP (NDs)
Fluoride (mg/L)	PZ-44I	0.2	0.031	4	No	9	0.1528	0.07429	66.67	Kaplan-Meier	No	0.002	NP (NDs)
Fluoride (mg/L)	PZ-69I	0.21	0.083	4	No	8	0.1575	0.05279	37.5	None	No	0.004	NP (normality)
Lead (mg/L)	SGWC-6	0.001	0.00054	0.015	No	28	0.001012	0.0003553	89.29	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-7	0.001	0.00085	0.015	No	28	0.0009336	0.0002245	89.29	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-8	0.001	0.00062	0.015	No	28	0.0009611	0.0001498	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-10	0.001	0.00014	0.015	No	28	0.0009071	0.000273	89.29	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-12	0.001	0.0002	0.015	No	28	0.0009714	0.0001512	96.43	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-13	0.001	0.00039	0.015	No	28	0.0009561	0.0001613	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-14	0.001	0.00066	0.015	No	28	0.0009321	0.0002118	89.29	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-15	0.001	0.00023	0.015	No	28	0.0009725	0.0001455	96.43	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-16	0.001	0.001	0.015	No	28	0.0009832	0.0001835	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-17	0.001	0.00017	0.015	No	28	0.0009704	0.0001569	96.43	None	No	0.01	NP (NDs)

Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 11/17/2025, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	SGWC-18	0.001	0.00071	0.015	No	29	0.0009655	0.0001406	93.1	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-19	0.001	0.00033	0.015	No	28	0.0009761	0.0001266	96.43	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-20	0.001	0.00028	0.015	No	28	0.0006693	0.0003671	53.57	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-21	0.001	0.00041	0.015	No	28	0.0009636	0.0008033	75	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-22	0.001	0.00019	0.015	No	28	0.0008518	0.0003238	82.14	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-23	0.001	0.00009	0.015	No	28	0.0009675	0.000172	96.43	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-13S	0.001	0.00069	0.015	No	8	0.0009613	0.0001096	87.5	None	No	0.004	NP (NDs)
Lead (mg/L)	PZ-42I	0.0016	0.00019	0.015	No	9	0.0009767	0.0003555	77.78	None	No	0.002	NP (NDs)
Lithium (mg/L)	SGWC-6	0.02	0.0046	0.04	No	28	0.01758	0.006061	85.71	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-7	0.00566	0.004254	0.04	No	28	0.004957	0.001504	3.571	None	No	0.01	Param.
Lithium (mg/L)	SGWC-8	0.02	0.0025	0.04	No	28	0.01482	0.008347	71.43	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-9	0.02	0.0014	0.04	No	28	0.01934	0.003515	96.43	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-10	0.02	0.0011	0.04	No	28	0.01932	0.003572	96.43	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-11	0.02	0.0031	0.04	No	28	0.01328	0.008542	60.71	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-12	0.02	0.0012	0.04	No	28	0.01865	0.004944	92.86	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-13	0.02	0.0026	0.04	No	28	0.01742	0.006446	85.71	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-14	0.02	0.0035	0.04	No	28	0.01744	0.006406	85.71	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-15	0.02	0.0037	0.04	No	28	0.01109	0.008457	46.43	None	No	0.01	NP (normality)
Lithium (mg/L)	SGWC-16	0.02	0.0038	0.04	No	28	0.01809	0.00563	89.29	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-17	0.02	0.0014	0.04	No	28	0.01934	0.003515	96.43	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-18	0.0069	0.0042	0.04	No	29	0.008252	0.0068	24.14	None	No	0.01	NP (normality)
Lithium (mg/L)	SGWC-19	0.02	0.016	0.04	No	28	0.016	0.007171	71.43	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-20	0.0053	0.0038	0.04	No	28	0.007132	0.006176	17.86	None	No	0.01	NP (normality)
Lithium (mg/L)	SGWC-21	0.02	0.0038	0.04	No	28	0.01622	0.00739	78.57	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-22	0.02	0.0033	0.04	No	28	0.01678	0.007049	82.14	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-23	0.02	0.0034	0.04	No	28	0.0106	0.008313	42.86	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-13S	0.02	0.0023	0.04	No	8	0.01351	0.008958	62.5	None	No	0.004	NP (NDs)
Lithium (mg/L)	PZ-14S	0.02	0.0015	0.04	No	12	0.01399	0.008887	66.67	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-17I	0.02	0.0016	0.04	No	9	0.01592	0.008092	77.78	None	No	0.002	NP (NDs)
Lithium (mg/L)	PZ-39S	0.01443	0.003081	0.04	No	9	0.008756	0.005877	11.11	None	No	0.01	Param.
Lithium (mg/L)	PZ-40I	0.01486	0.008339	0.04	No	9	0.0116	0.003377	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-41S	0.02	0.0029	0.04	No	10	0.01496	0.008193	70	None	No	0.011	NP (NDs)
Lithium (mg/L)	PZ-42I	0.01178	0.003107	0.04	No	9	0.007889	0.007833	11.11	None	ln(x)	0.01	Param.
Lithium (mg/L)	PZ-43S	0.005788	0.002347	0.04	No	9	0.007622	0.007224	22.22	Kaplan-Meier	ln(x)	0.01	Param.
Lithium (mg/L)	PZ-44I	0.03153	0.0113	0.04	No	13	0.02412	0.0197	7.692	None	ln(x)	0.01	Param.
Lithium (mg/L)	PZ-69I	0.02	0.0025	0.04	No	8	0.01156	0.009041	50	None	No	0.004	NP (normality)
Mercury (mg/L)	SGWC-6	0.0002	0.00011	0.002	No	28	0.0001968	0.00001701	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-7	0.0002	0.00011	0.002	No	28	0.0001968	0.00001701	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-8	0.0002	0.00017	0.002	No	28	0.0001945	0.0000239	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-9	0.0002	0.0001	0.002	No	28	0.0001964	0.0000189	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-10	0.0002	0.00013	0.002	No	28	0.0001975	0.00001323	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-11	0.0002	0.0001	0.002	No	28	0.0001964	0.0000189	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-12	0.0002	0.000093	0.002	No	28	0.0001962	0.00002022	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-13	0.0002	0.00011	0.002	No	28	0.0001968	0.00001701	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-14	0.0002	0.00012	0.002	No	28	0.0001854	0.00003696	82.14	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-15	0.0002	0.00012	0.002	No	28	0.0001566	0.00004465	42.86	None	No	0.01	NP (normality)
Mercury (mg/L)	SGWC-16	0.0002	0.000076	0.002	No	28	0.0001956	0.00002343	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-17	0.0002	0.00017	0.002	No	28	0.0001821	0.00003734	78.57	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-18	0.0002	0.00018	0.002	No	29	0.0001821	0.00004544	41.38	None	No	0.01	NP (normality)
Mercury (mg/L)	SGWC-20	0.0002	0.00013	0.002	No	28	0.0001887	0.00003411	89.29	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-21	0.0002	0.0001	0.002	No	28	0.0001964	0.0000189	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-22	0.0002	0.000099	0.002	No	28	0.0001964	0.00001909	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-23	0.0002	0.00011	0.002	No	28	0.0001918	0.0000372	85.71	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-13S	0.0004853	0.0001055	0.002	No	8	0.0002895	0.0002338	0	None	ln(x)	0.01	Param.
Mercury (mg/L)	PZ-44I	0.0002	0.000084	0.002	No	9	0.0001871	0.00003867	88.89	None	No	0.002	NP (NDs)
Molybdenum (mg/L)	SGWC-6	0.005	0.00099	0.1	No	27	0.004692	0.00111	92.59	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-7	0.0033	0.0012	0.1	No	27	0.004097	0.005343	18.52	None	No	0.01	NP (normality)
Molybdenum (mg/L)	SGWC-8	0.005	0.0008	0.1	No	27	0.004686	0.00113	92.59	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-9	0.005	0.0014	0.1	No	27	0.003673	0.001931	66.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-12	0.005	0.0012	0.1	No	27	0.004715	0.001028	92.59	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-14	0.005	0.003	0.1	No	27	0.004771	0.0008801	92.59	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-16	0.015	0.0011	0.1	No	27	0.01449	0.002675	96.3	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-23	0.005	0.00062	0.1	No	27	0.004838	0.0008429	96.3	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-39S	0.0075	0.00087	0.1	No	8	0.001907	0.002264	12.5	None	No	0.004	NP (normality)
Molybdenum (mg/L)	PZ-40I	0.005	0.00079	0.1	No	8	0.004474	0.001488	87.5	None	No	0.004	NP (NDs)
Molybdenum (mg/L)	PZ-42I	0.008461	0.005714	0.1	No	8	0.007088	0.001296	0	None	No	0.01	Param.
Molybdenum (mg/L)	PZ-43S	0.015	0.0021	0.1	No	8	0.01339	0.004561	87.5	None	No	0.004	NP (NDs)
Molybdenum (mg/L)	PZ-69I	0.015	0.00069	0.1	No	8	0.006325	0.00719	37.5	None	No	0.004	NP (normality)

Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 11/17/2025, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	SGWC-6	0.005	0.00057	0.05	No	28	0.004508	0.001446	89.29	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-7	0.005	0.00034	0.05	No	28	0.004834	0.0008807	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-11	0.005	0.00046	0.05	No	28	0.004838	0.000858	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-12	0.005	0.00031	0.05	No	28	0.004832	0.0008863	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-13	0.005	0.00064	0.05	No	28	0.004676	0.001189	92.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-14	0.005	0.00084	0.05	No	28	0.004696	0.001115	92.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-15	0.005	0.0034	0.05	No	28	0.004421	0.00238	53.57	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-16	0.005	0.0014	0.05	No	28	0.003764	0.001845	67.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-17	0.005	0.00064	0.05	No	28	0.004506	0.001454	89.29	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-18	0.007117	0.003232	0.05	No	29	0.007064	0.007274	10.34	None	ln(x)	0.01	Param.
Selenium (mg/L)	SGWC-19	0.005	0.00099	0.05	No	28	0.004396	0.00151	85.71	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-20	0.005	0.0041	0.05	No	28	0.004087	0.001672	67.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-23	0.005	0.00075	0.05	No	28	0.004341	0.001646	85.71	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-17I	0.005	0.00047	0.05	No	9	0.004497	0.00151	88.89	None	No	0.002	NP (NDs)
Selenium (mg/L)	PZ-39S	0.005	0.001	0.05	No	9	0.002711	0.001749	33.33	None	No	0.002	NP (normality)
Selenium (mg/L)	PZ-40I	0.005	0.00059	0.05	No	9	0.00451	0.00147	88.89	None	No	0.002	NP (NDs)
Selenium (mg/L)	PZ-41S	0.006871	0.005169	0.05	No	10	0.00602	0.0009543	0	None	No	0.01	Param.
Selenium (mg/L)	PZ-42I	0.005	0.00026	0.05	No	9	0.004473	0.00158	88.89	None	No	0.002	NP (NDs)
Selenium (mg/L)	PZ-44I	0.005	0.00046	0.05	No	9	0.004496	0.001513	88.89	None	No	0.002	NP (NDs)
Thallium (mg/L)	SGWC-6	0.001	0.00049	0.002	No	28	0.0008989	0.0002563	85.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-7	0.001	0.00042	0.002	No	28	0.0009514	0.0001804	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-8	0.001	0.00079	0.002	No	28	0.0009082	0.0002483	85.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-9	0.001	0.0004	0.002	No	28	0.0009525	0.0001753	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-10	0.001	0.00075	0.002	No	28	0.0009318	0.0002211	89.29	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-11	0.001	0.00016	0.002	No	28	0.0009396	0.0002216	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-12	0.001	0.00034	0.002	No	28	0.0009489	0.0001881	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-13	0.001	0.00022	0.002	No	28	0.0009721	0.0001474	96.43	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-14	0.001	0.00035	0.002	No	28	0.0009214	0.000245	85.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-15	0.001	0.00016	0.002	No	28	0.0006733	0.0004201	60.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-16	0.001	0.00064	0.002	No	28	0.0009871	0.00006803	96.43	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-17	0.001	0.00024	0.002	No	28	0.0009729	0.0001436	96.43	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-18	0.001	0.00016	0.002	No	29	0.0004971	0.000394	34.48	None	No	0.01	NP (normality)
Thallium (mg/L)	SGWC-20	0.00033	0.00017	0.002	No	28	0.0004471	0.0003902	32.14	None	No	0.01	NP (normality)
Thallium (mg/L)	SGWC-22	0.001	0.00038	0.002	No	28	0.0009779	0.0001172	96.43	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-23	0.001	0.00016	0.002	No	28	0.00097	0.0001587	96.43	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-41S	0.001	0.001	0.002	No	10	0.000934	0.0002087	90	None	No	0.011	NP (NDs)

Appendix IV Trend Tests - Confidence Interval Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/24/2025, 10:39 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	**SGWC-11**	**-0.001963**	**-257**	**-101**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWC-18**	**-0.007318**	**-184**	**-106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWC-20**	**-0.01588**	**-234**	**-101**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.05**	**NP**

Appendix IV Trend Tests - Confidence Interval Exceedances - All Results

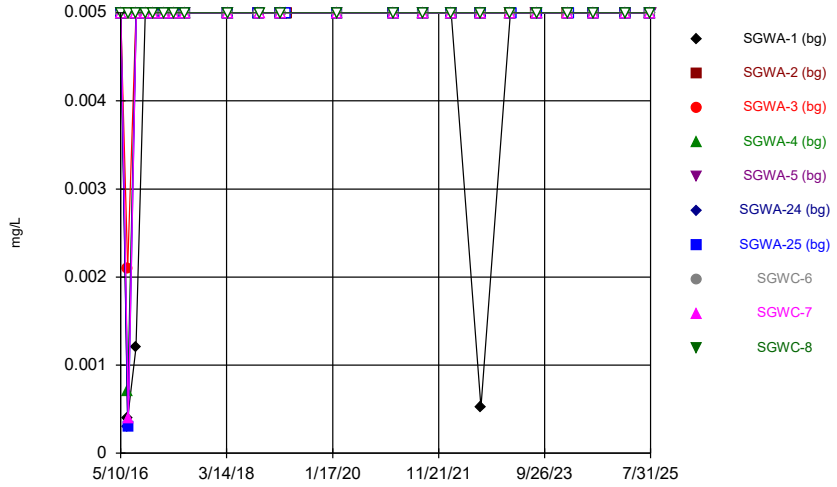
Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/24/2025, 10:39 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	SGWA-1 (bg)	-0.00006506	-37	-53	No	18	5.556	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWA-2 (bg)	0	15	101	No	28	92.86	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWA-3 (bg)	0	23	101	No	28	96.43	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWA-4 (bg)	0	19	101	No	28	92.86	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWA-5 (bg)	0	0	101	No	28	100	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWA-24 (bg)	0	25	101	No	28	71.43	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWA-25 (bg)	0	6	30	No	12	41.67	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWC-10	0	-9	-101	No	28	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	**SGWC-11**	**-0.001963**	**-257**	**-101**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	SGWC-14	-0.0001711	-14	-101	No	28	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWC-15	-0.002035	-73	-101	No	28	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	**SGWC-18**	**-0.007318**	**-184**	**-106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWC-20**	**-0.01588**	**-234**	**-101**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.05**	**NP**

FIGURE A.

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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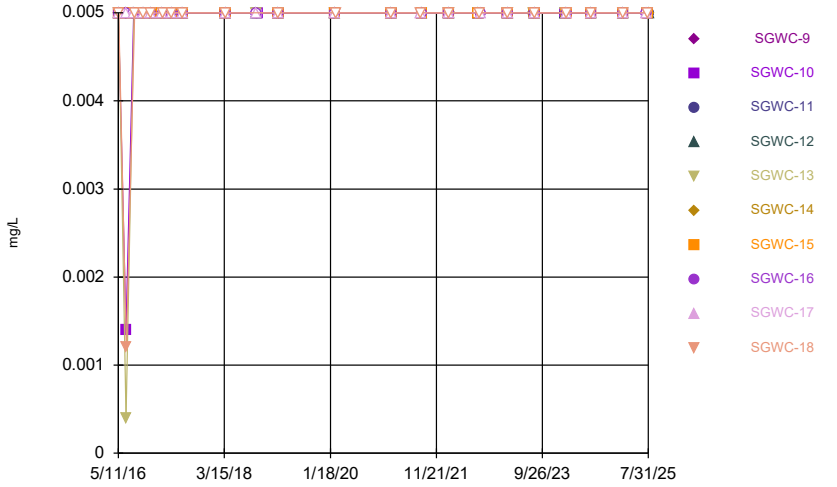
Time Series



Constituent: Antimony Analysis Run 11/17/2025 9:55 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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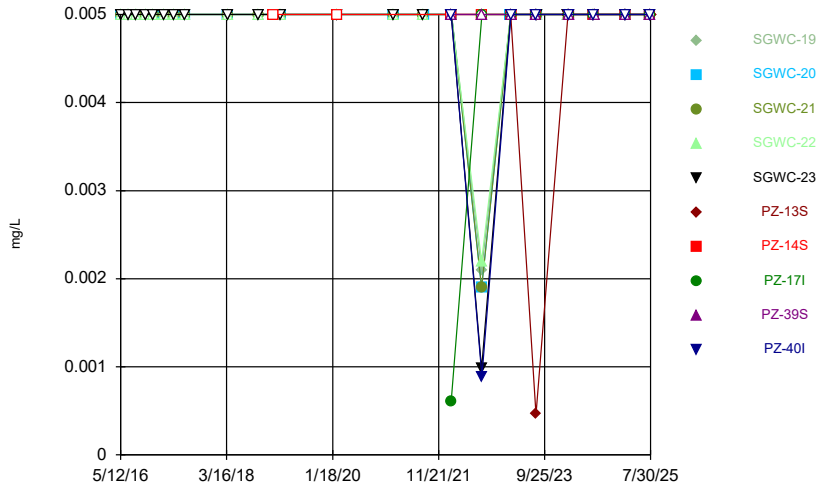
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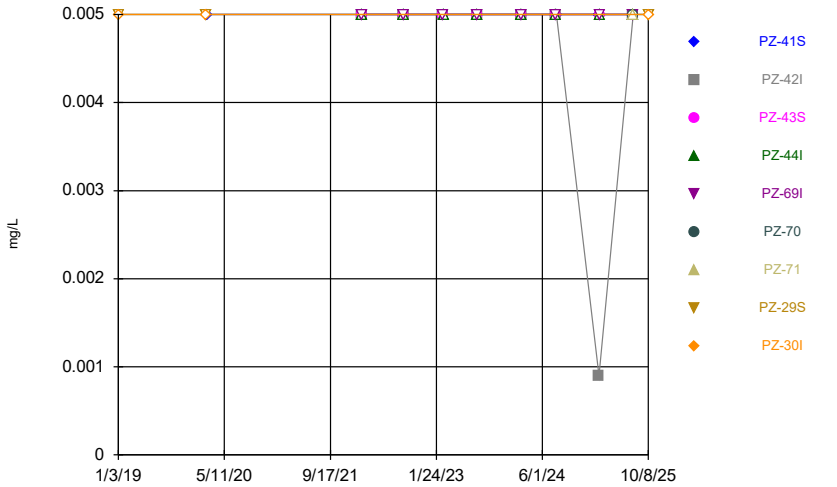
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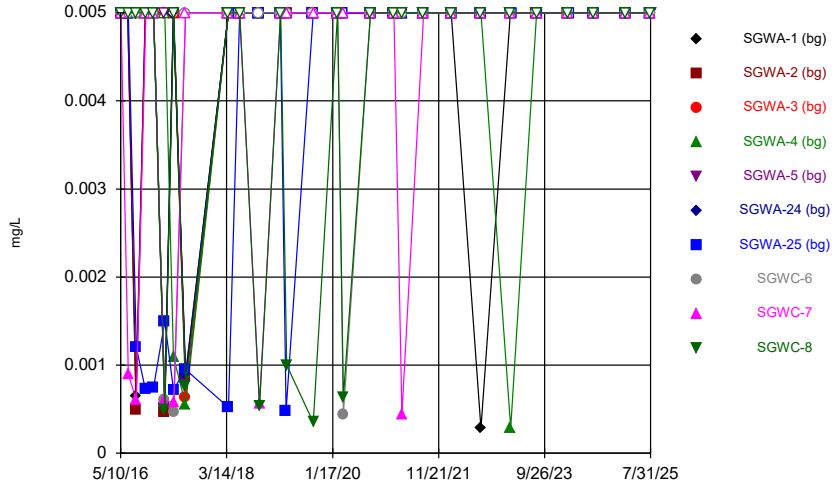
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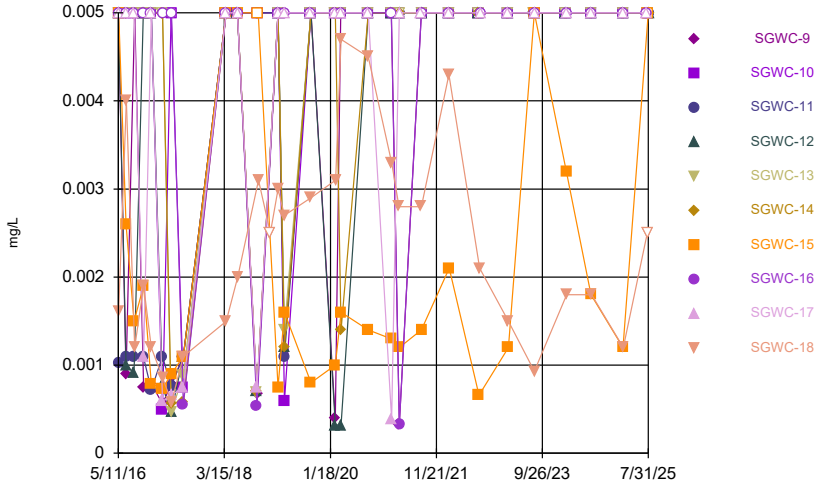
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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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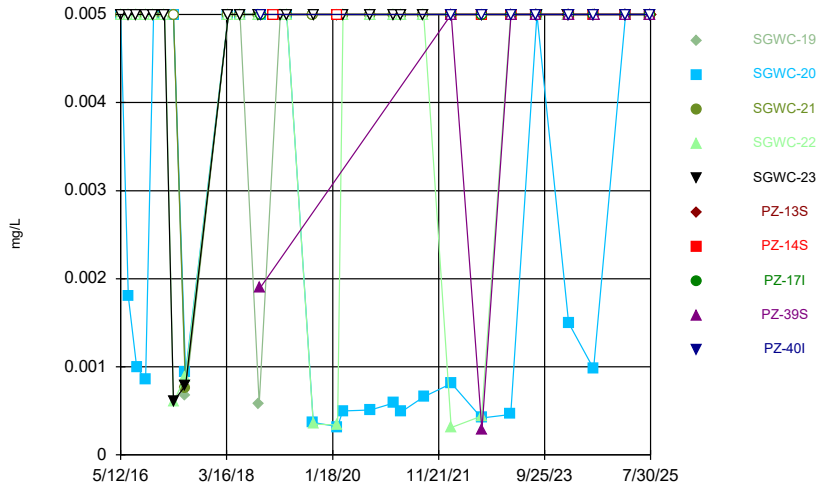
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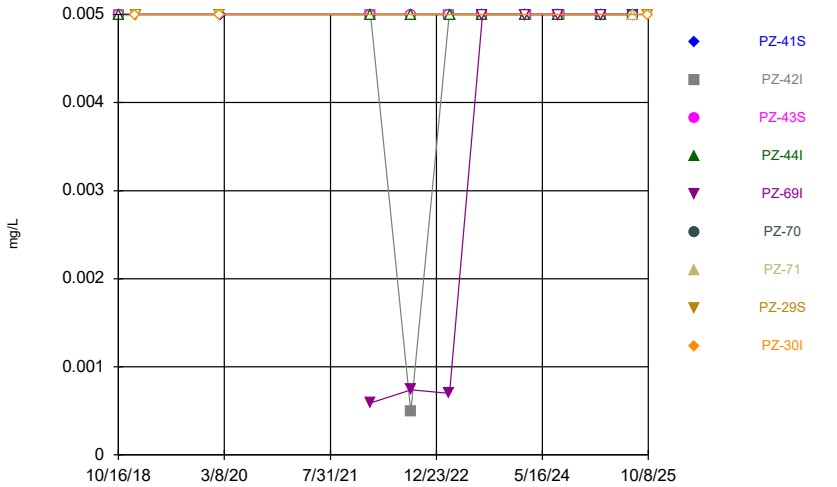
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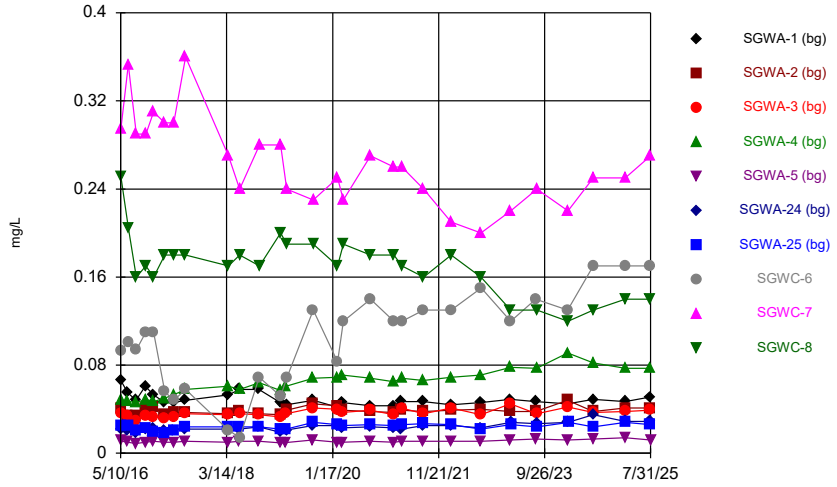
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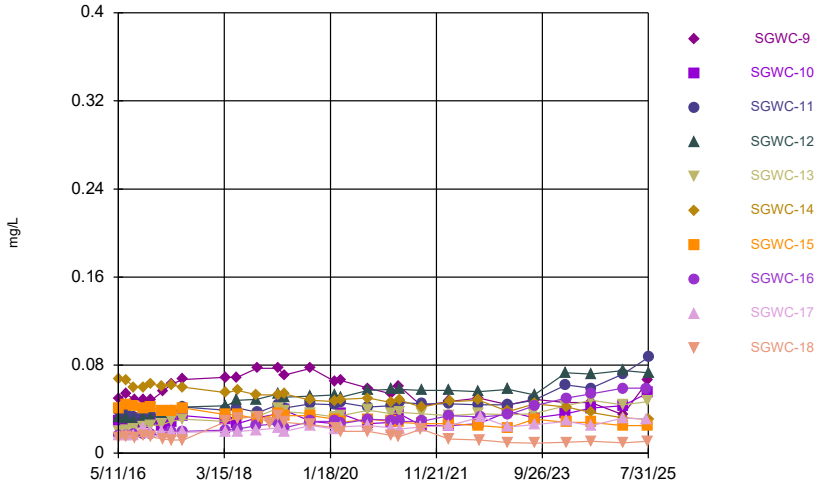
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Plant Scherer Client: Southern Company Data: Scherer AP

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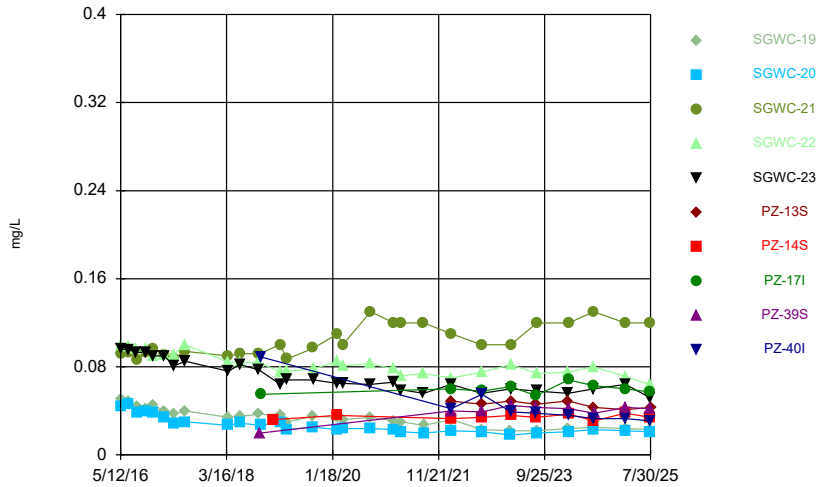
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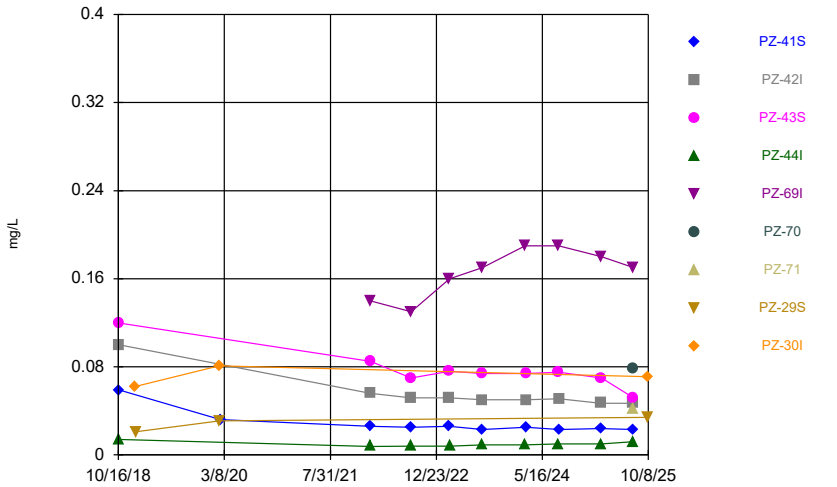
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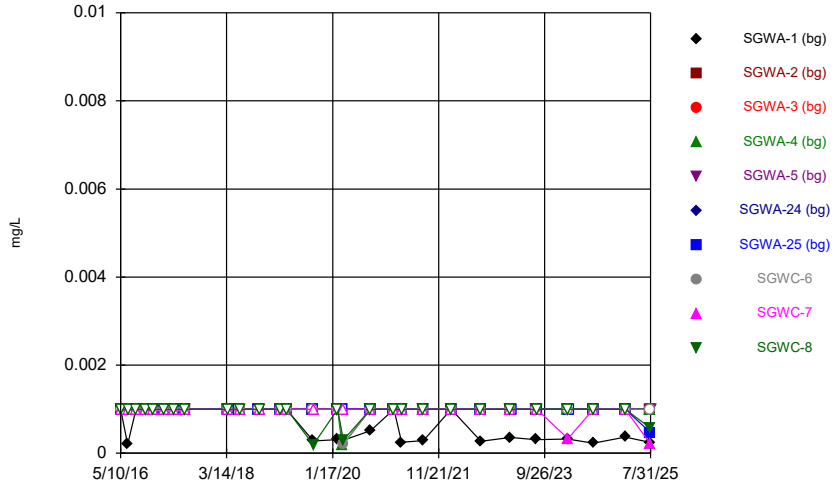
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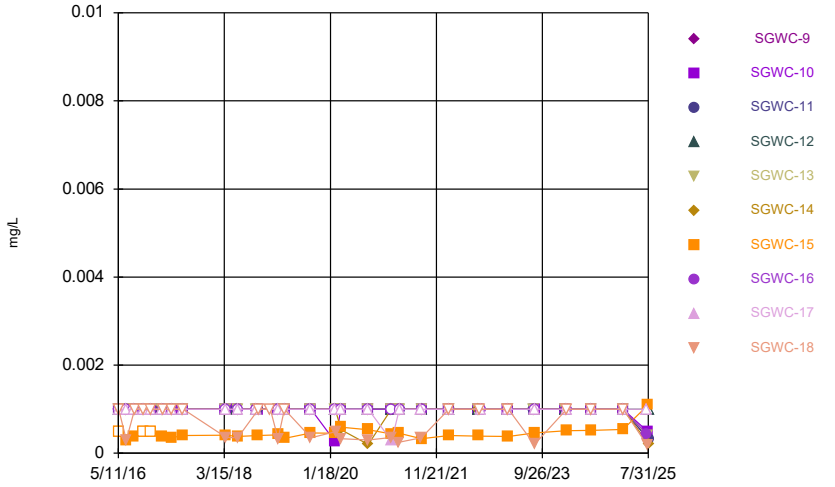
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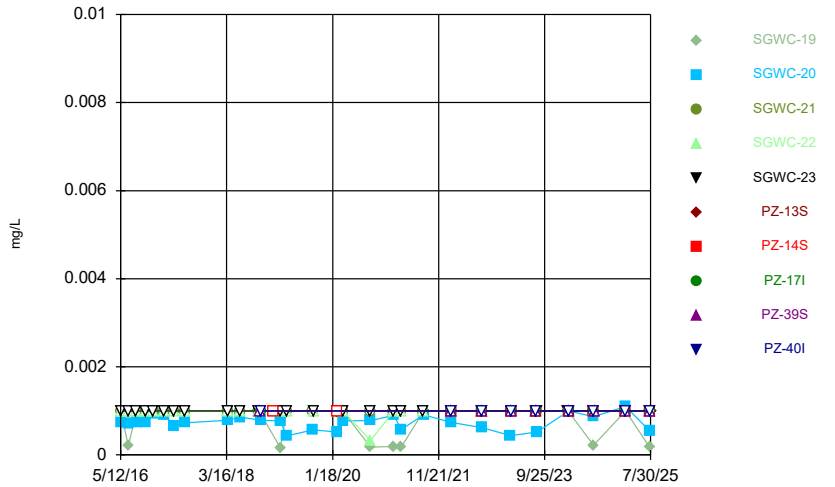
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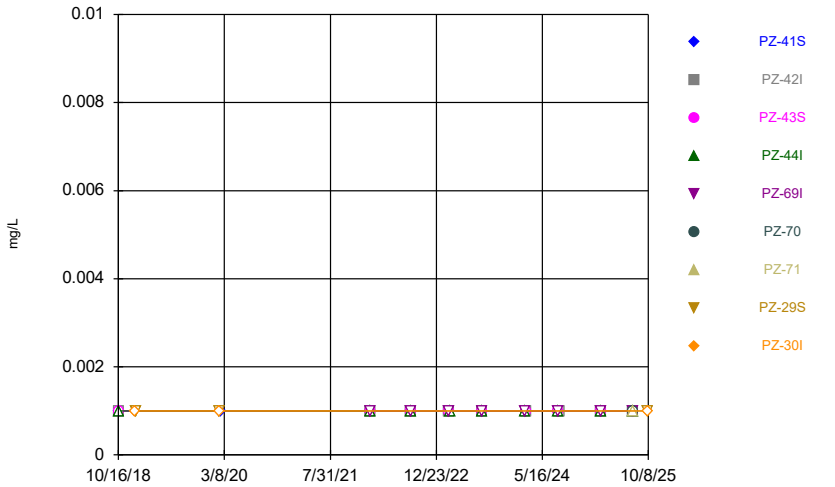
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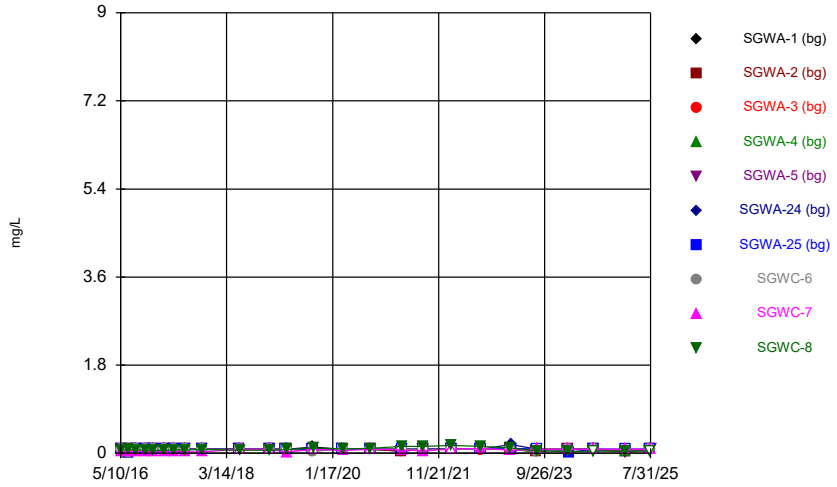
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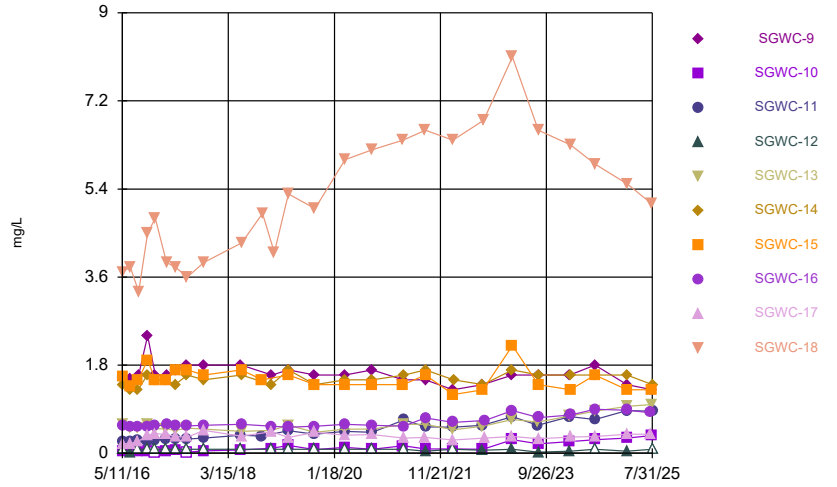
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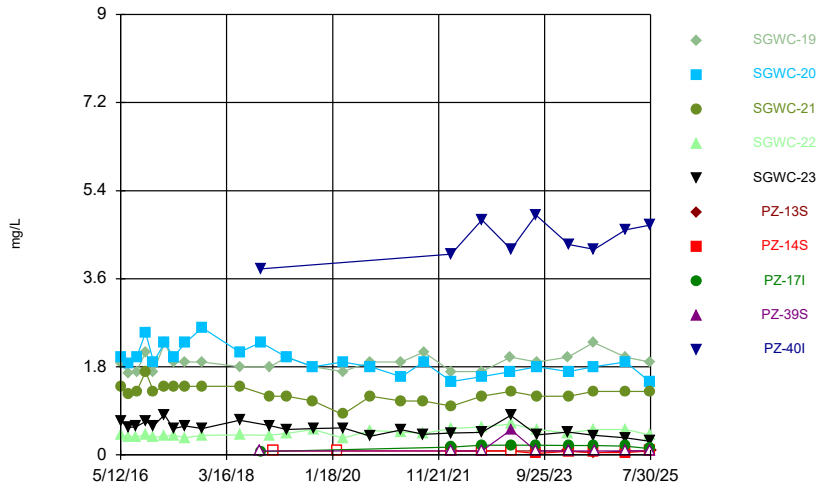
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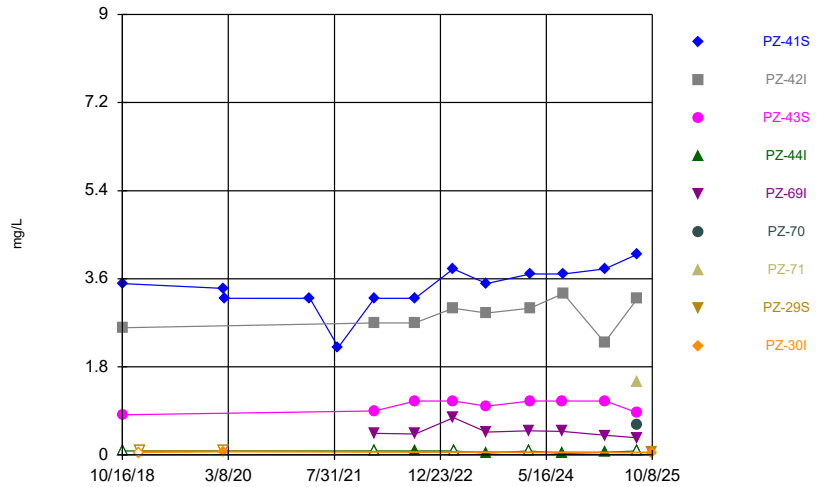
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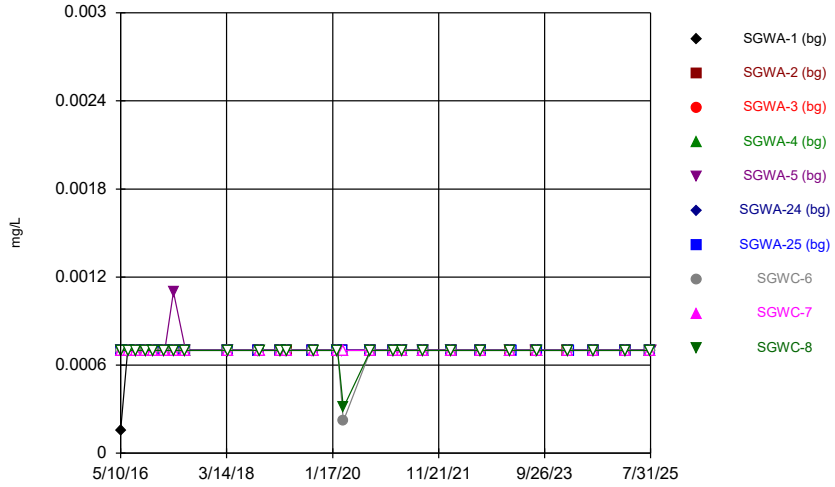
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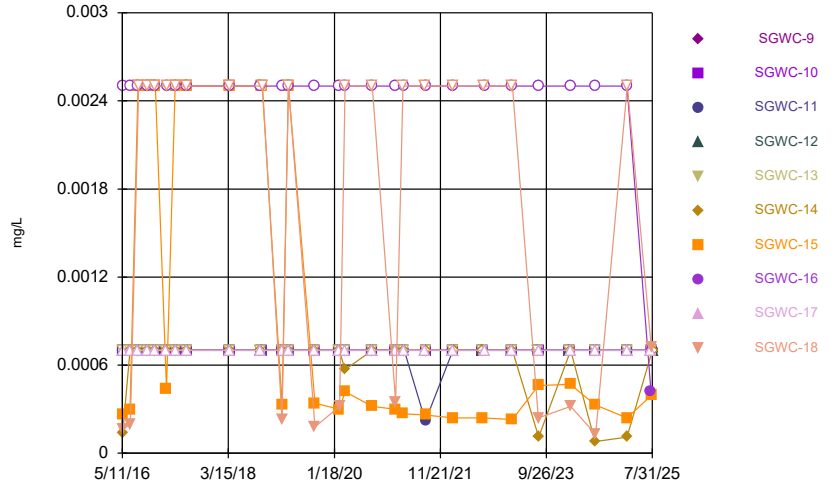
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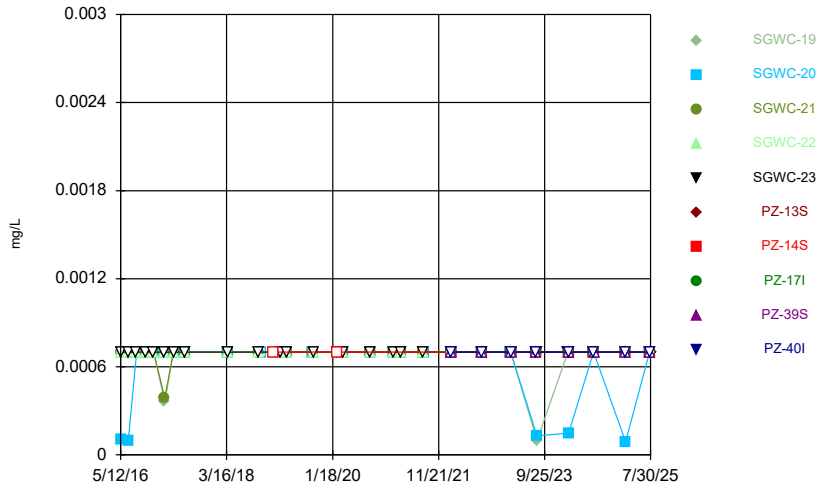
Time Series



Constituent: Cadmium Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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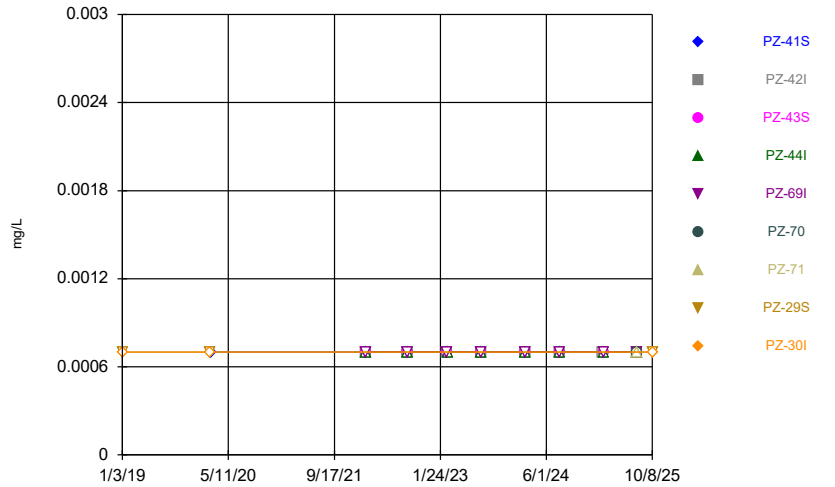
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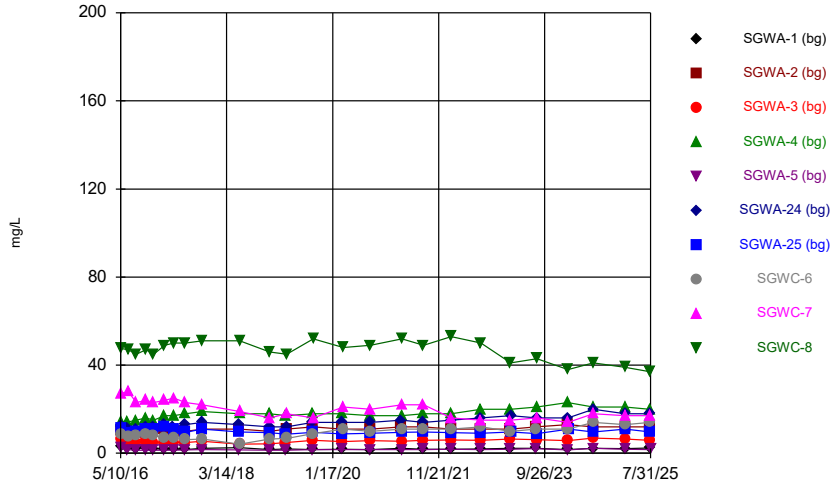
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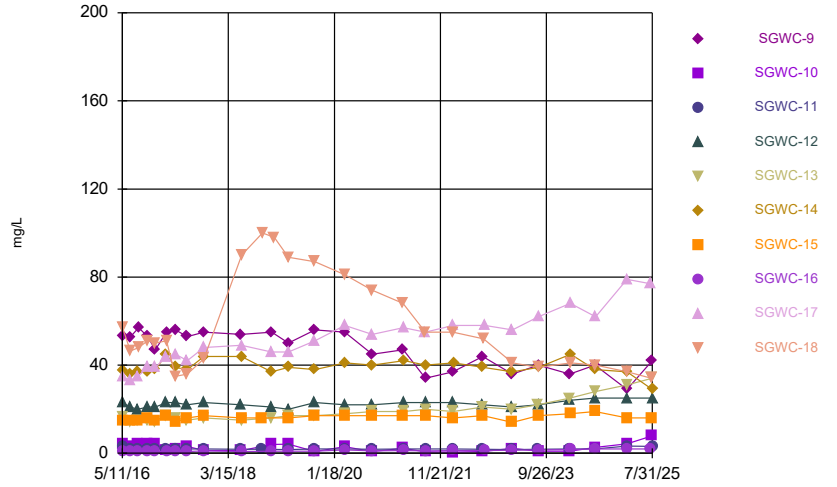
Time Series



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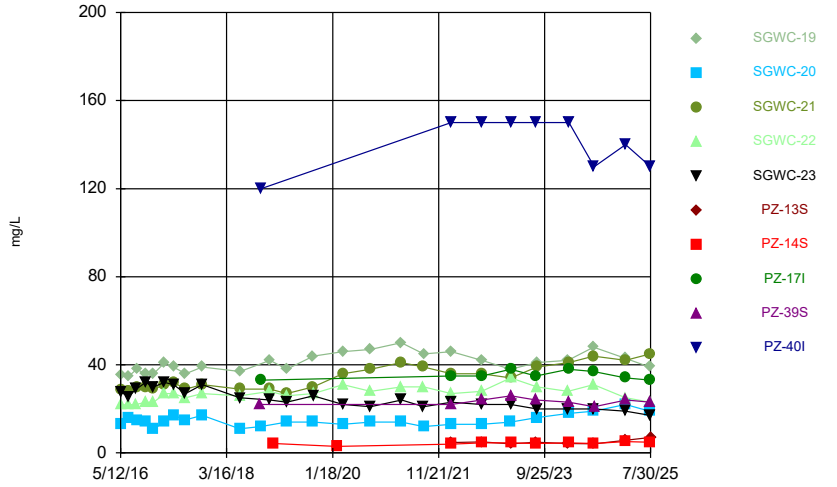
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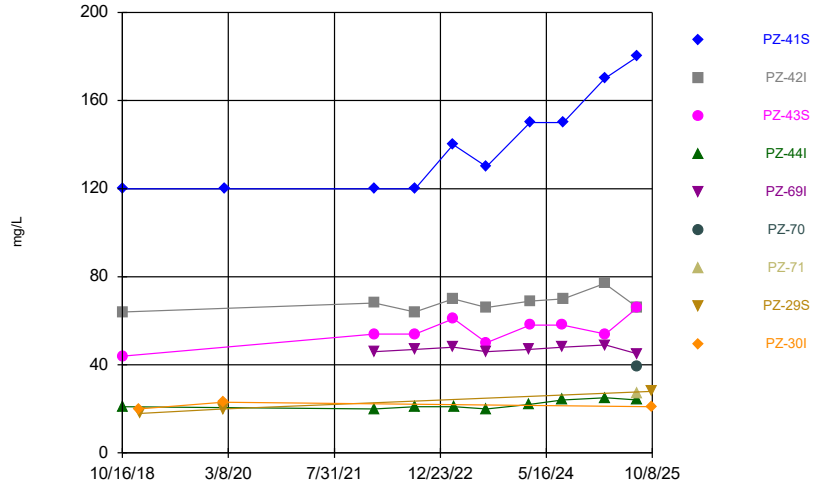
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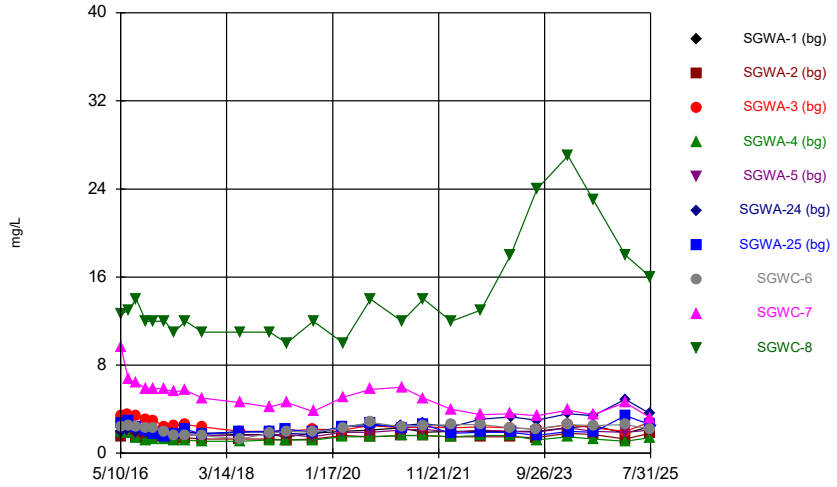
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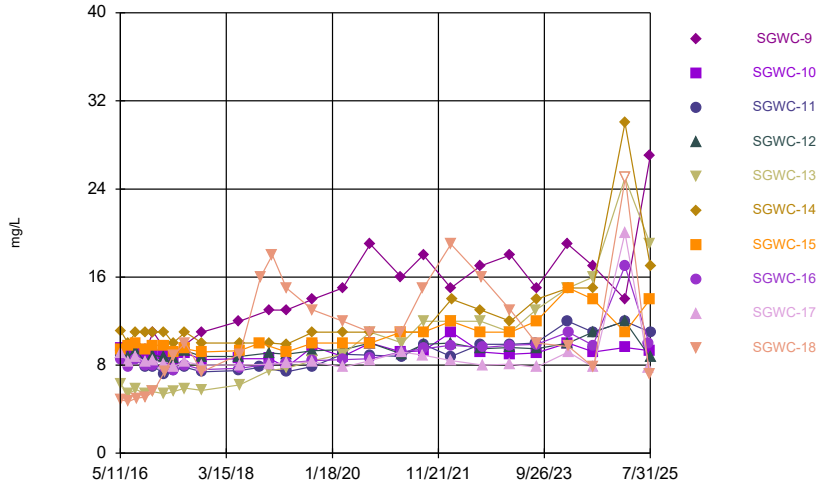
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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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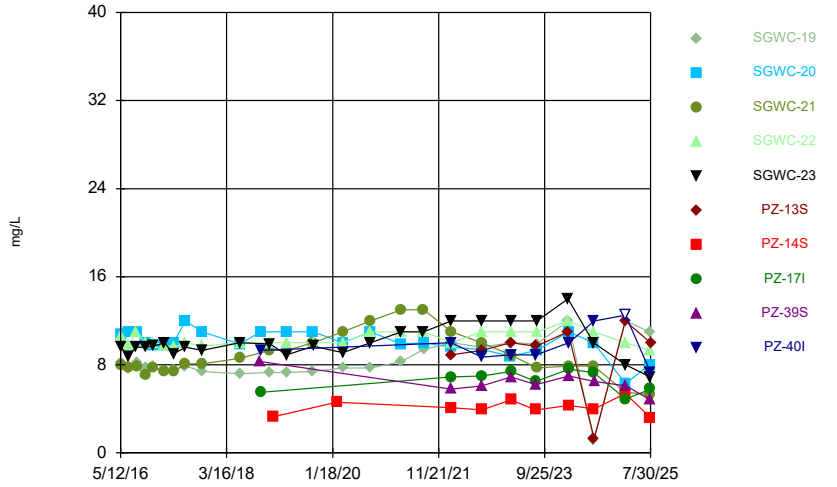
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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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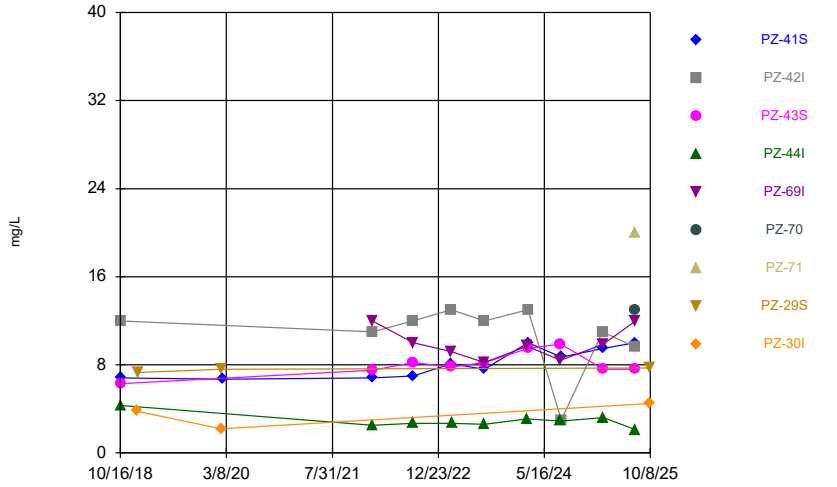
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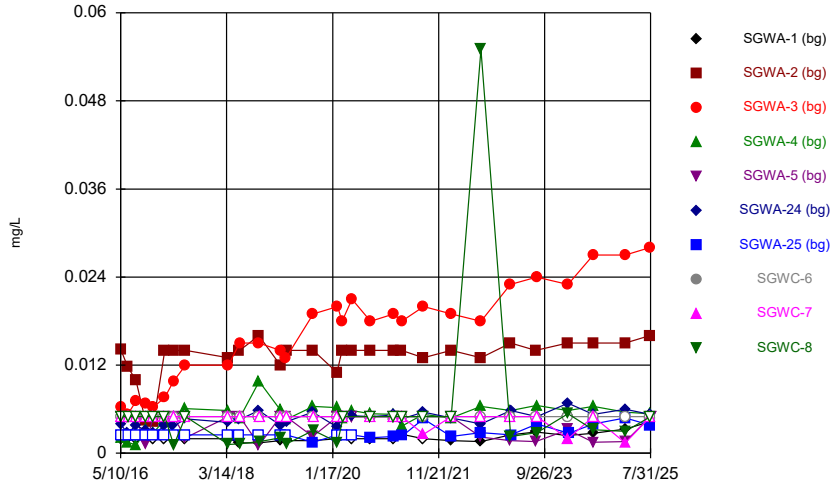
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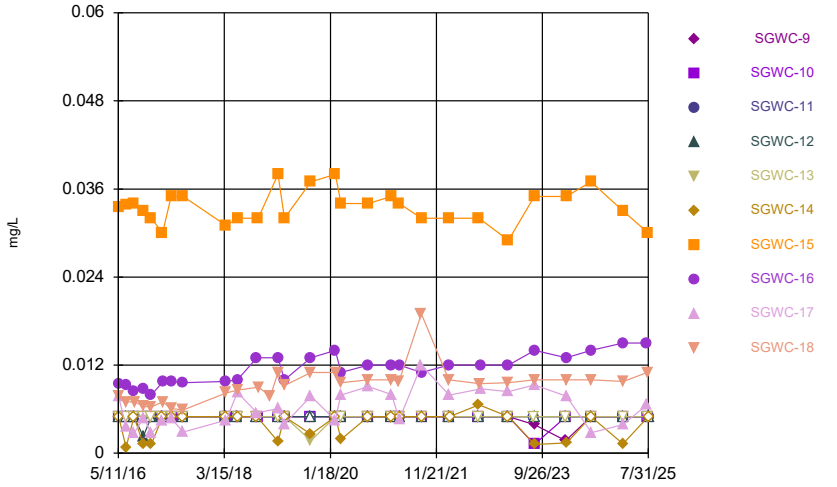
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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

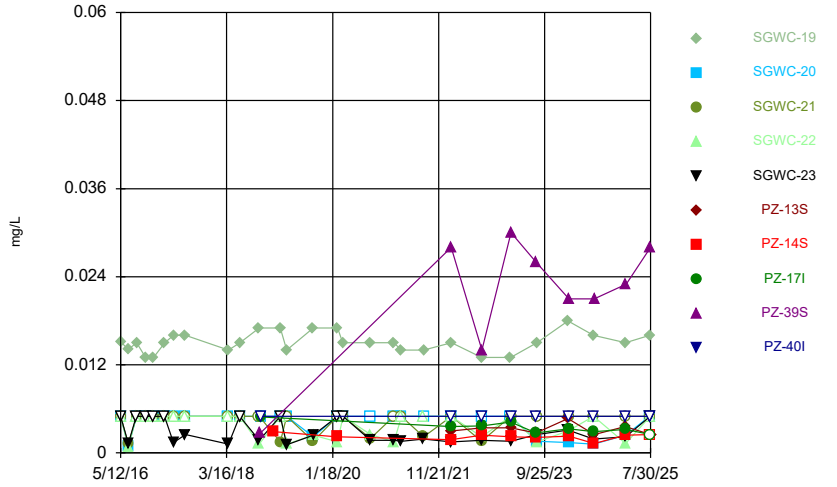
Time Series



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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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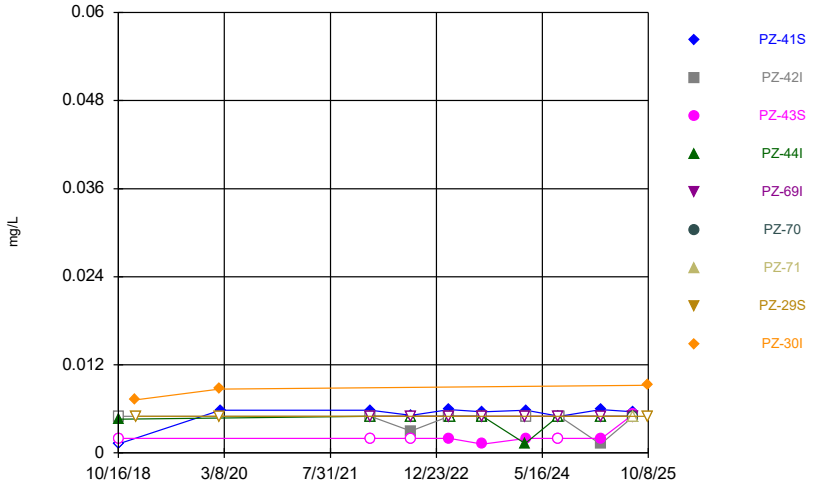
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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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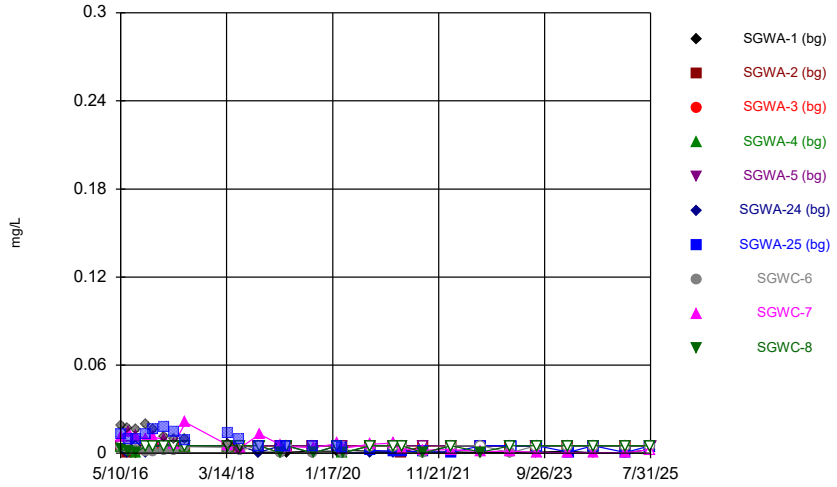
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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

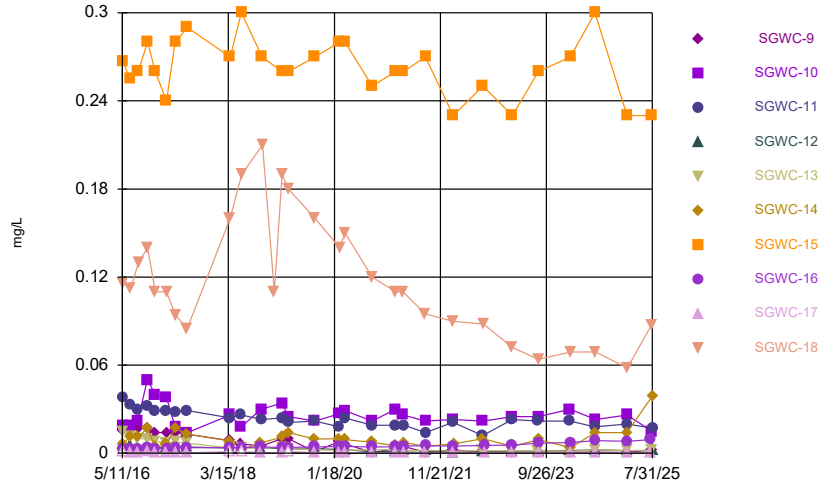
Time Series



Constituent: Cobalt Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

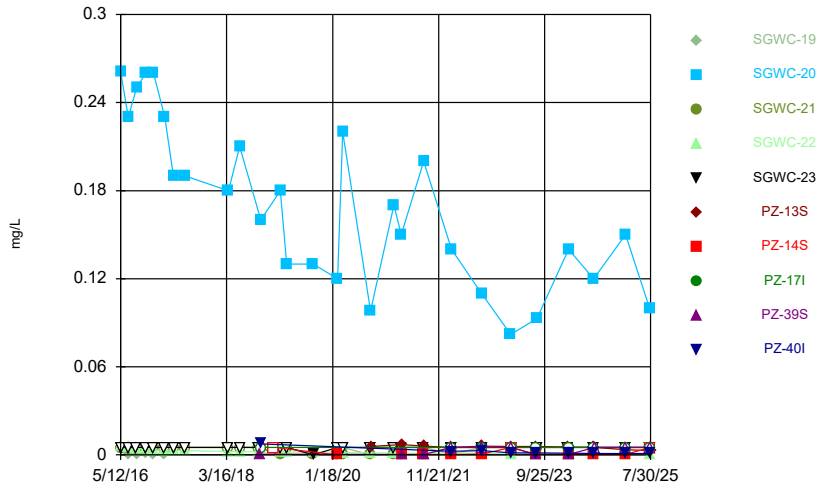
Time Series



Constituent: Cobalt Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

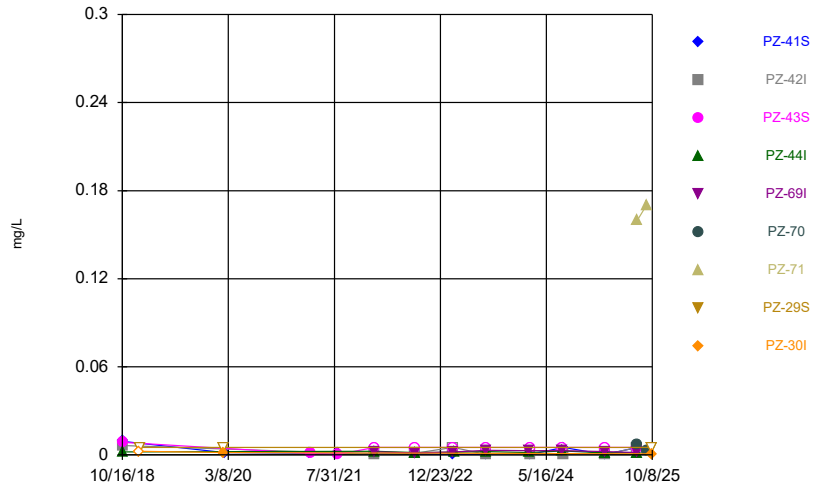
Time Series



Constituent: Cobalt Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

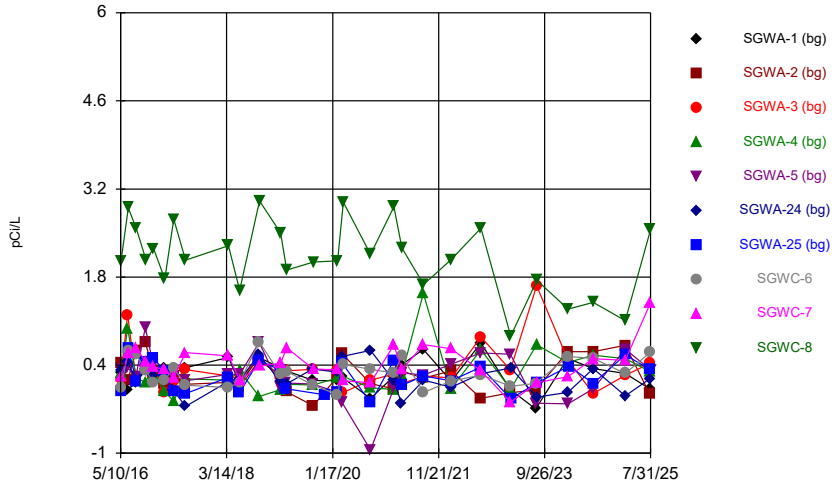
Time Series



Constituent: Cobalt Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

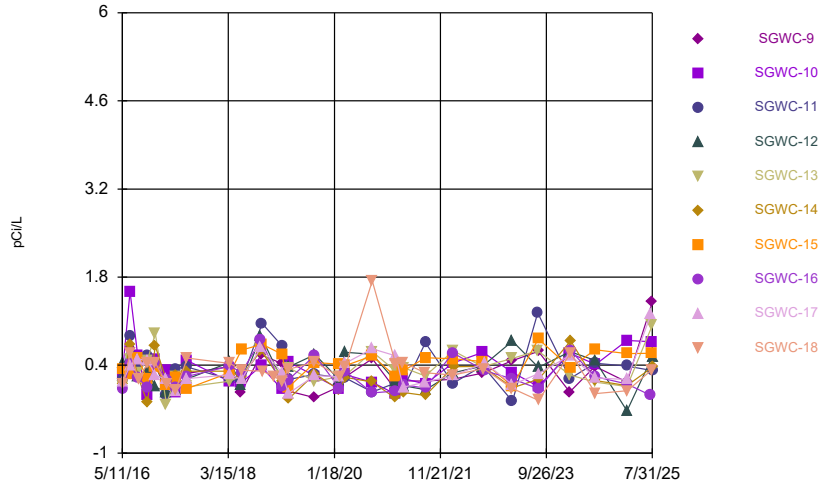
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

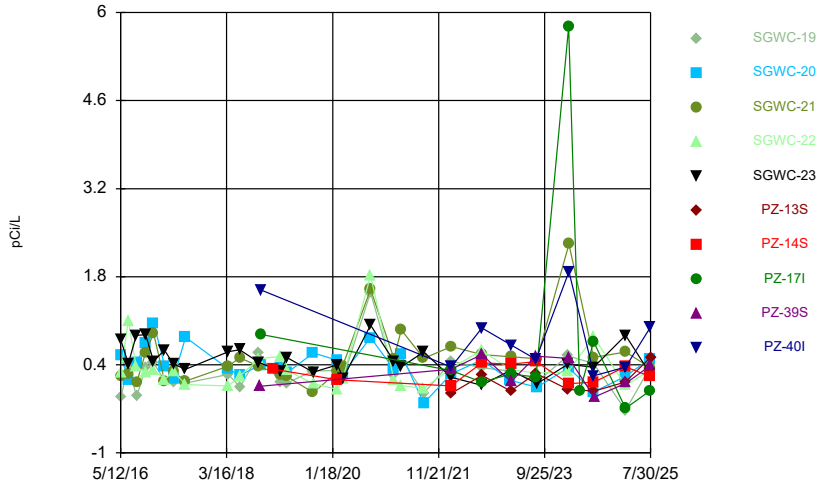
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

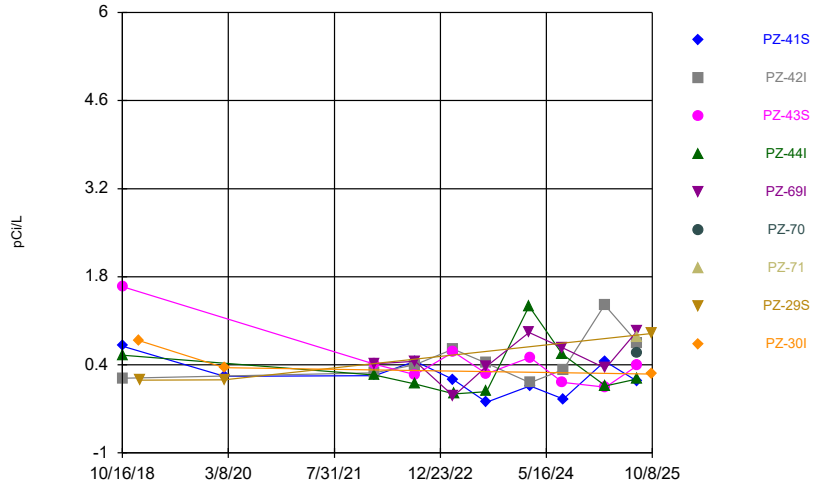
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

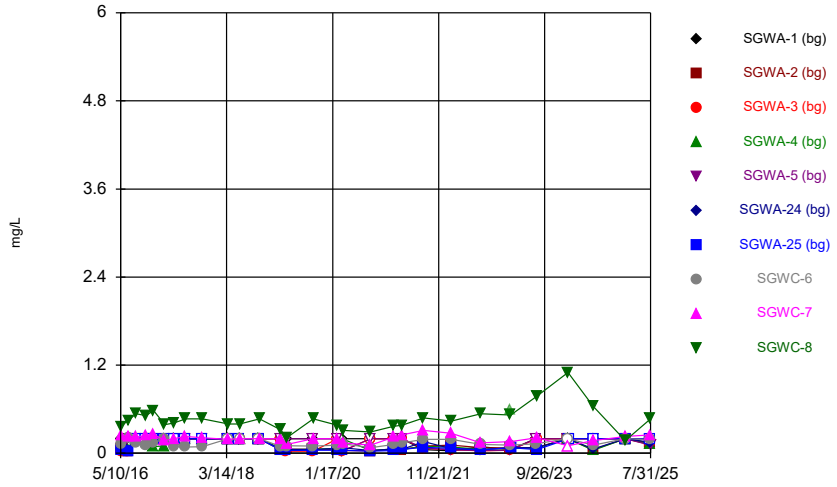
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

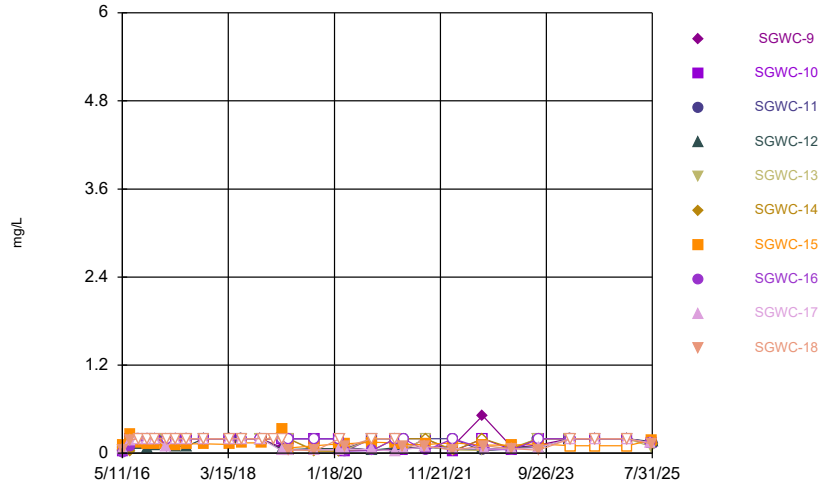
Time Series



Constituent: Fluoride Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

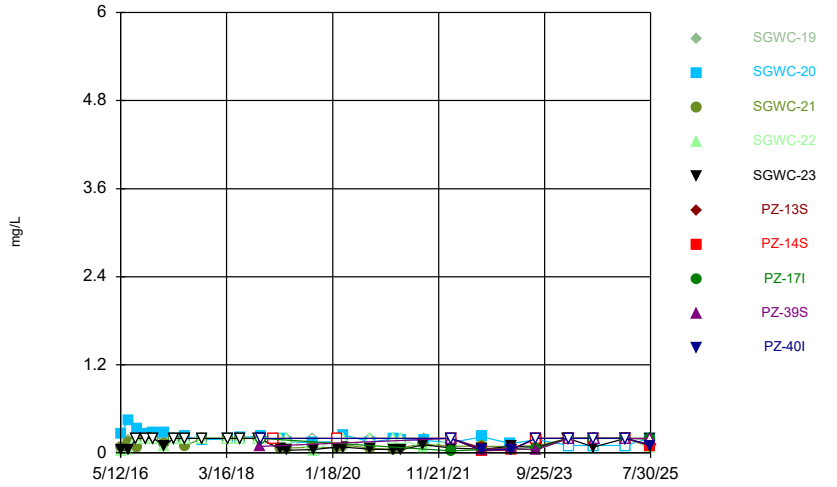
Time Series



Constituent: Fluoride Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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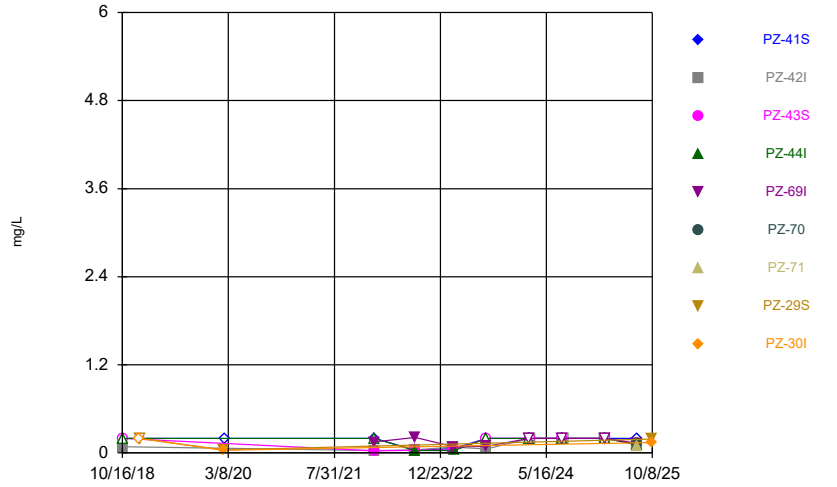
Time Series



Constituent: Fluoride Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

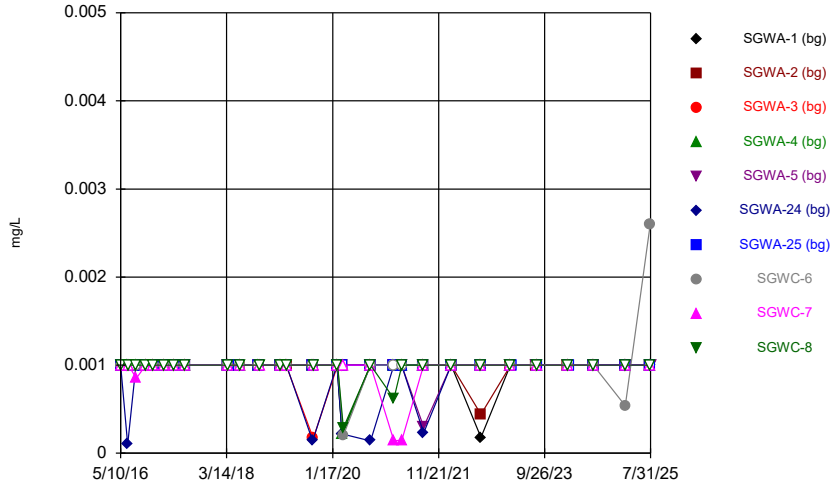
Time Series



Constituent: Fluoride Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

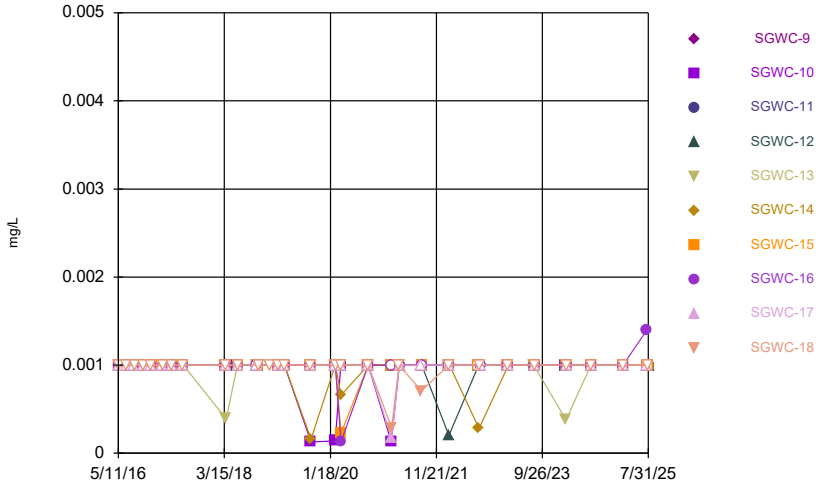
Time Series



Constituent: Lead Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

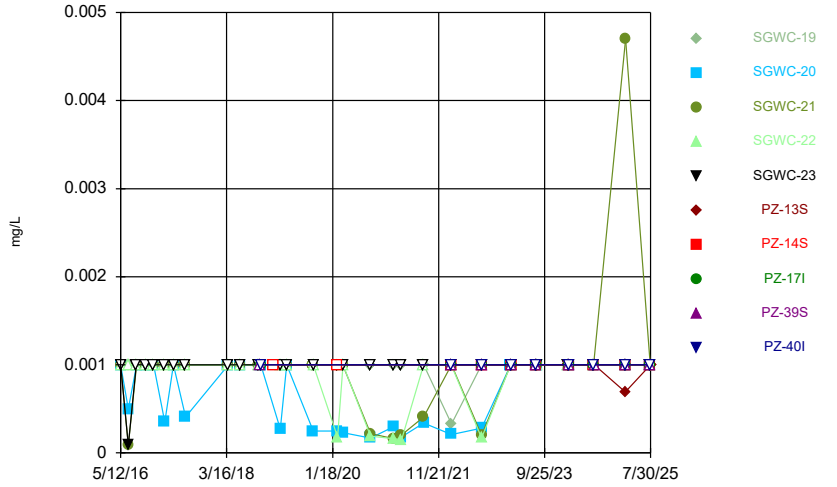
Time Series



Constituent: Lead Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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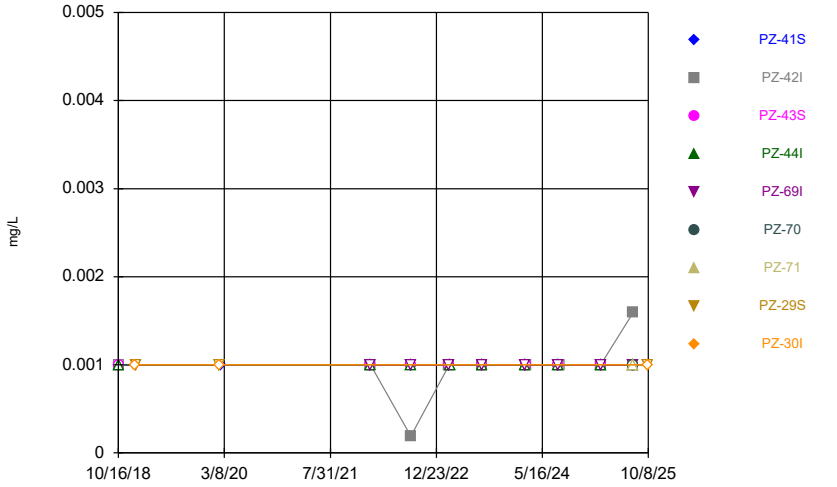
Time Series



Constituent: Lead Analysis Run 11/17/2025 9:56 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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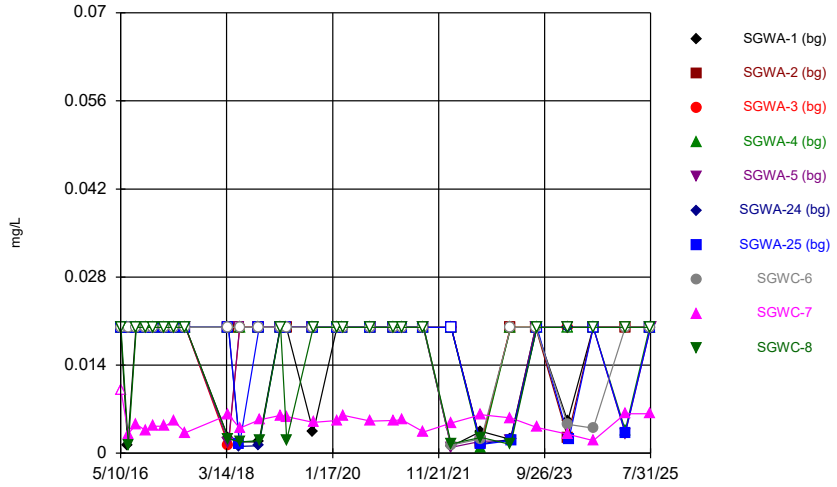
Time Series



Constituent: Lead Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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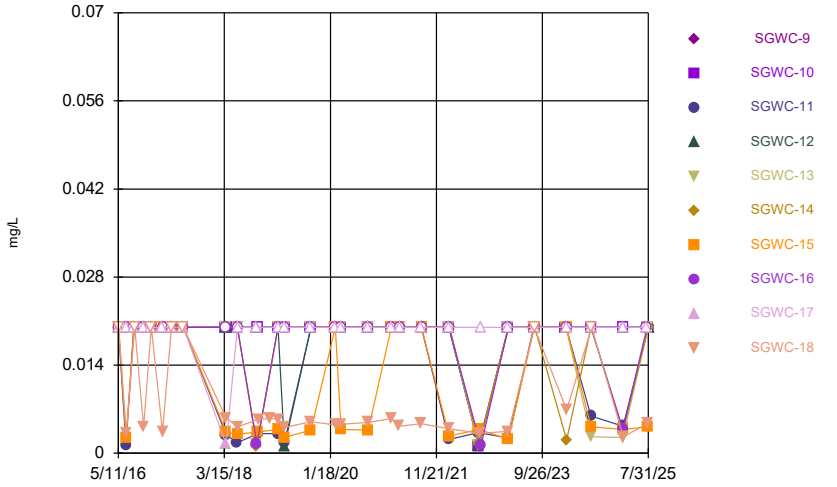
Time Series



Constituent: Lithium Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

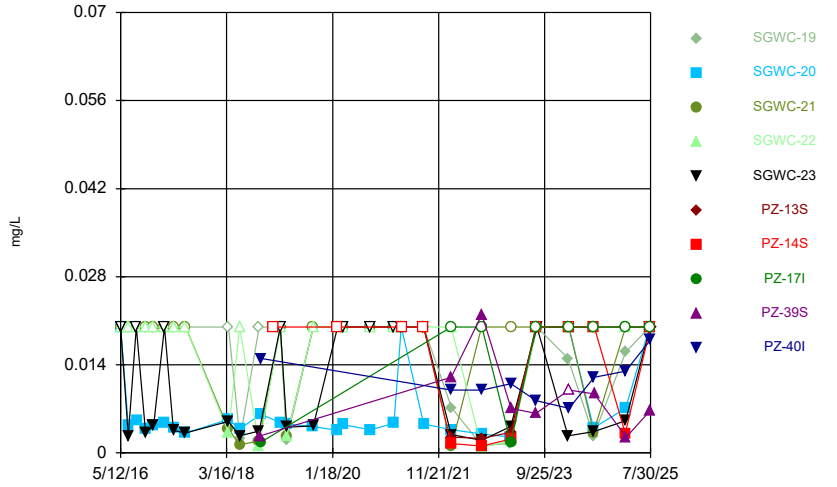
Time Series



Constituent: Lithium Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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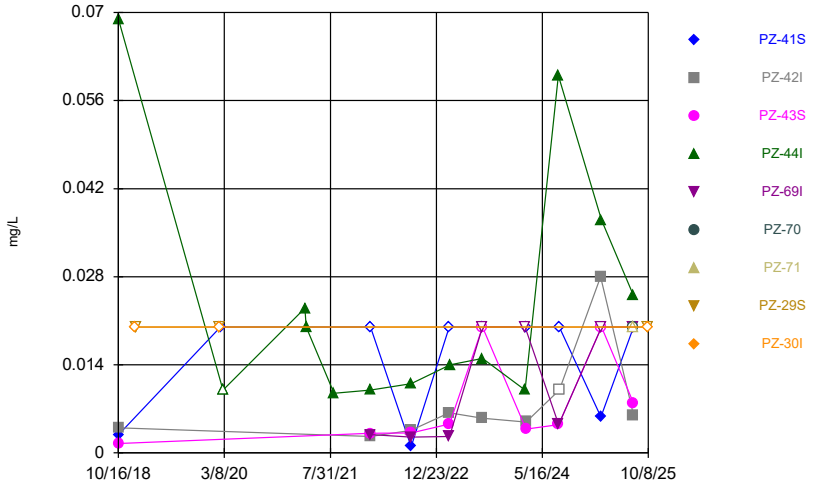
Time Series



Constituent: Lithium Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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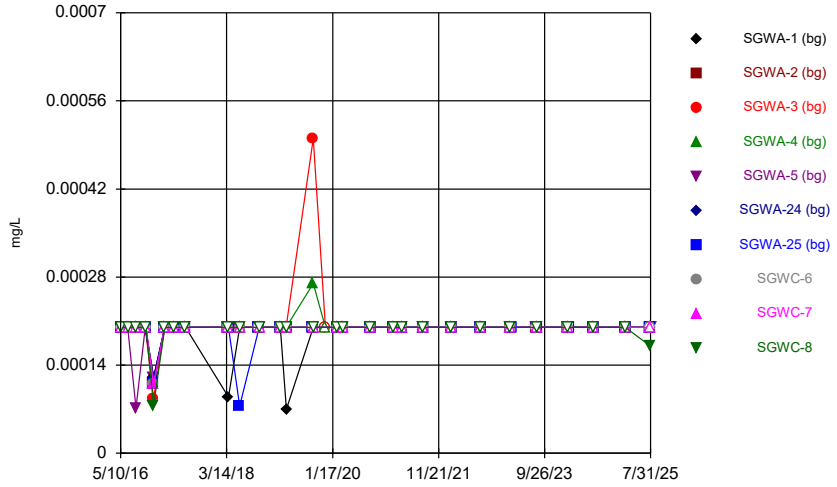
Time Series



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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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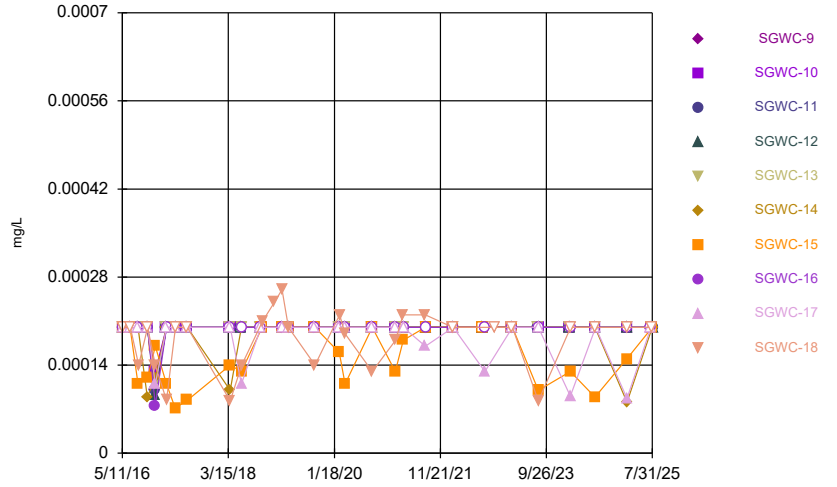
Time Series



Constituent: Mercury Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

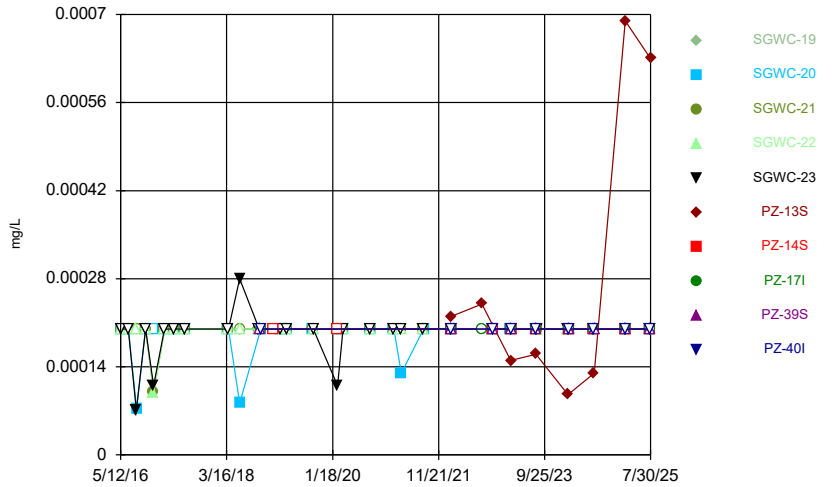
Time Series



Constituent: Mercury Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

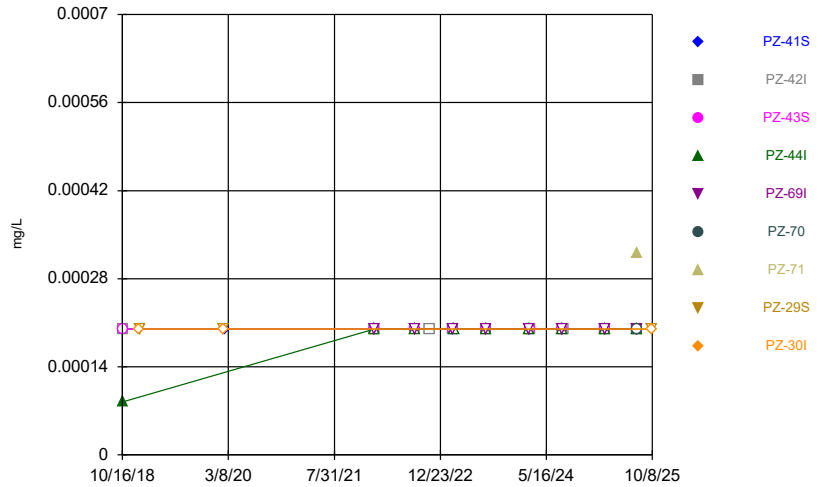
Time Series



Constituent: Mercury Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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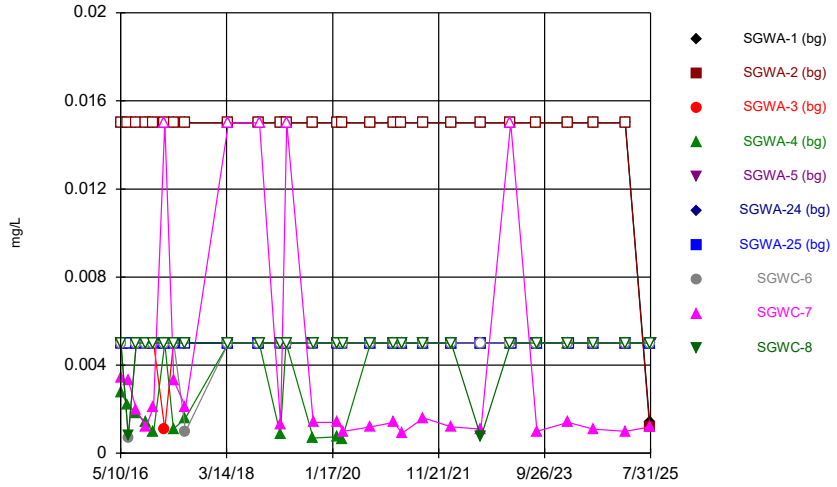
Time Series



Constituent: Mercury Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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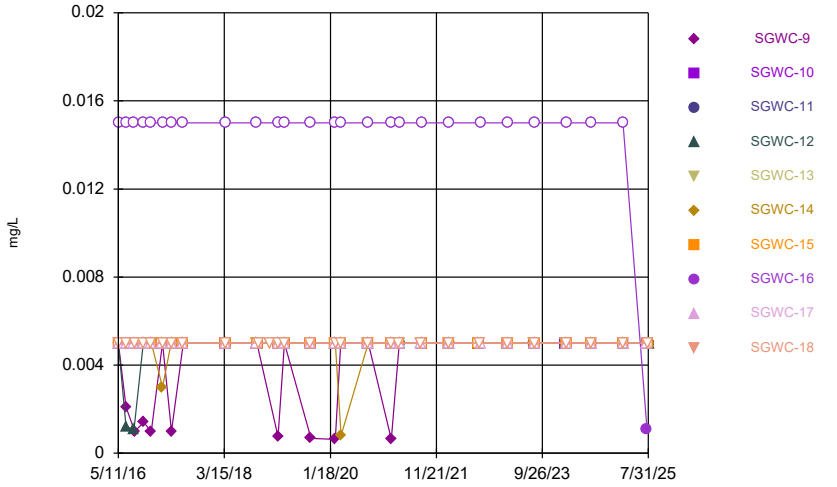
Time Series



Constituent: Molybdenum Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

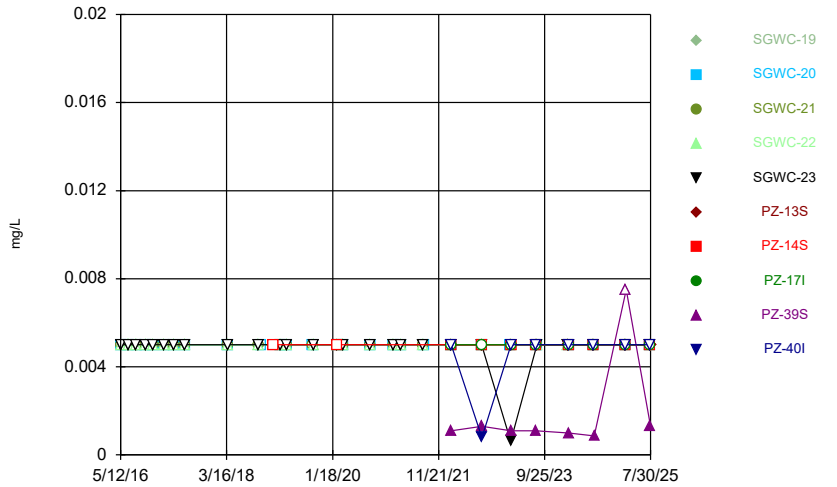
Time Series



Constituent: Molybdenum Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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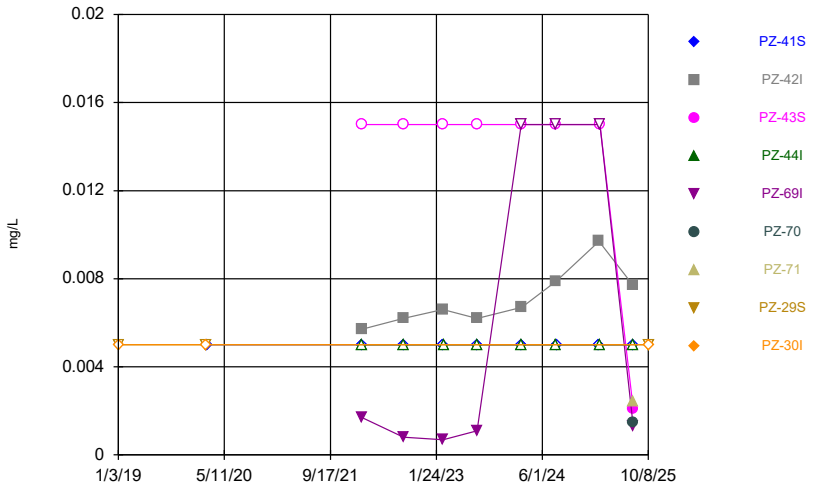
Time Series



Constituent: Molybdenum Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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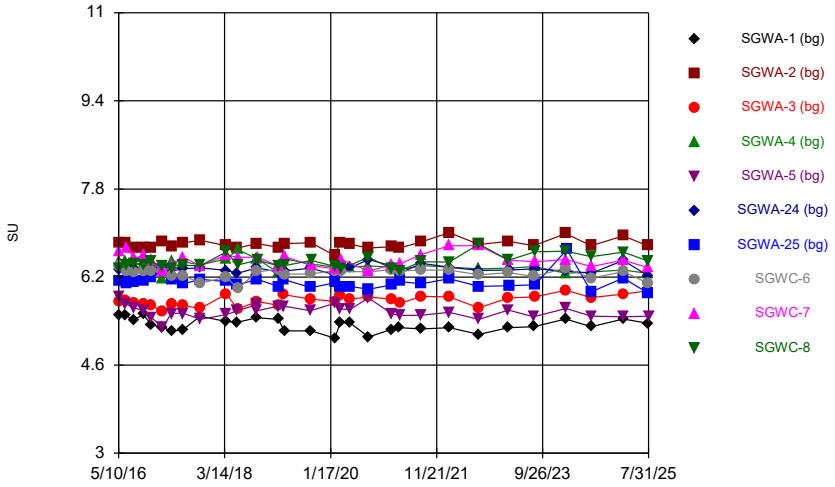
Time Series



Constituent: Molybdenum Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

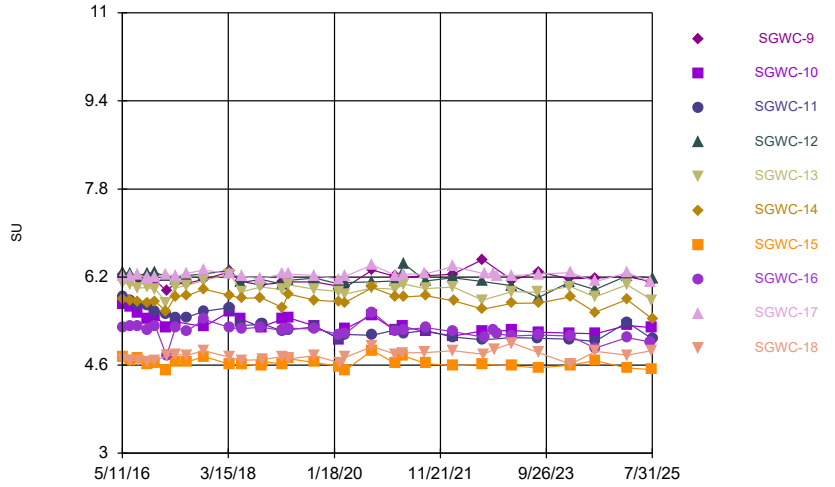
Time Series



Constituent: pH, Field Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

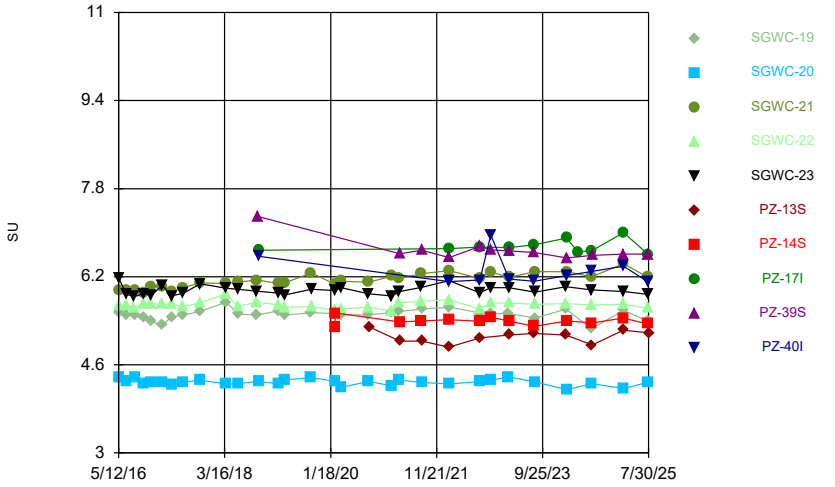
Time Series



Constituent: pH, Field Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

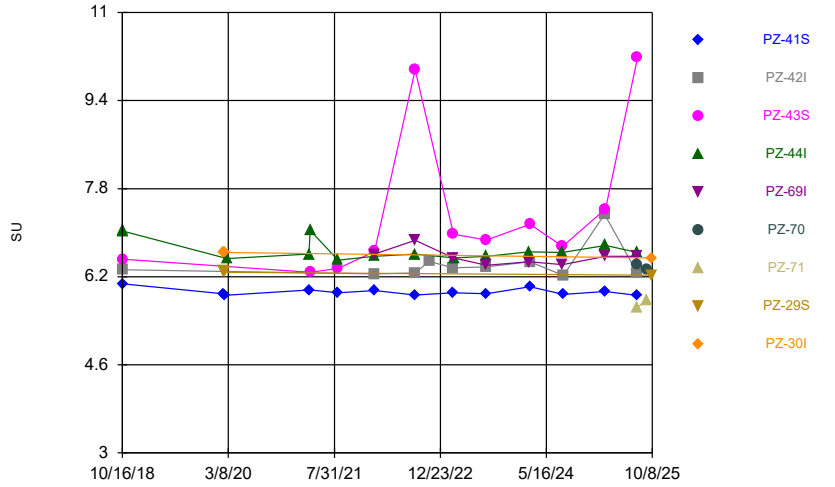
Time Series



Constituent: pH, Field Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

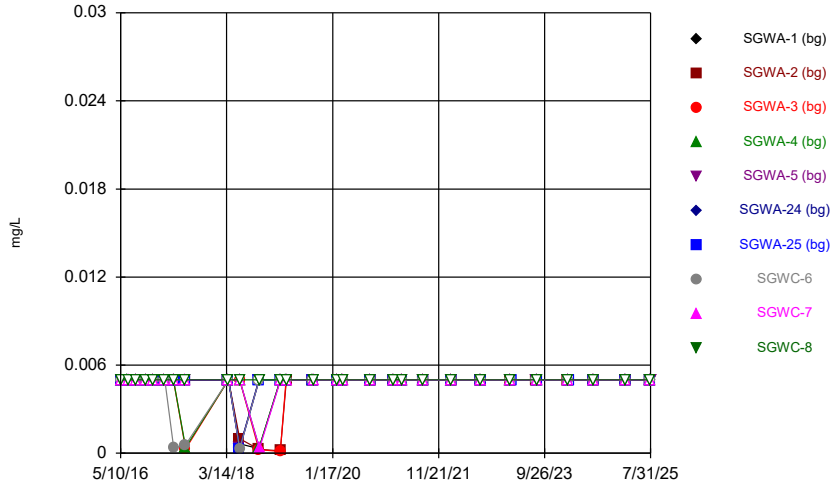
Time Series



Constituent: pH, Field Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

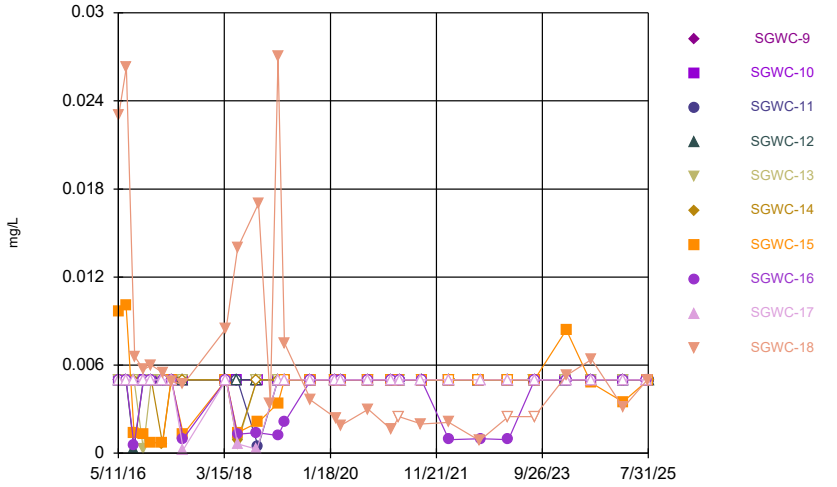
Time Series



Constituent: Selenium Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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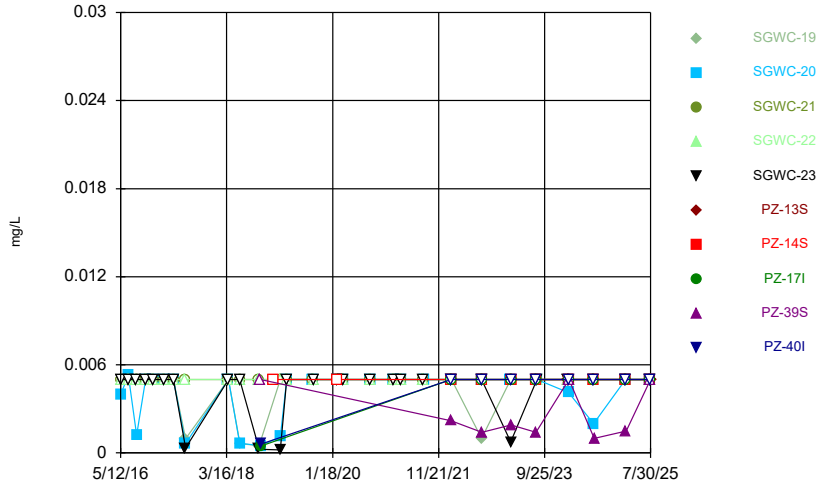
Time Series



Constituent: Selenium Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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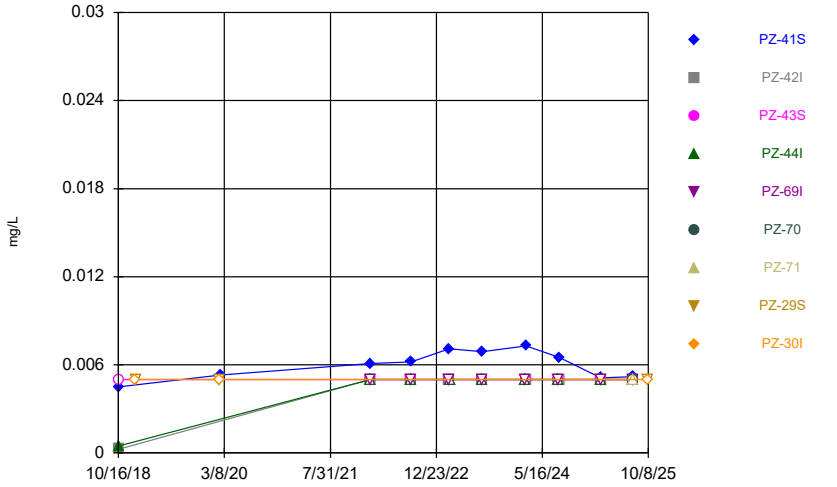
Time Series



Constituent: Selenium Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

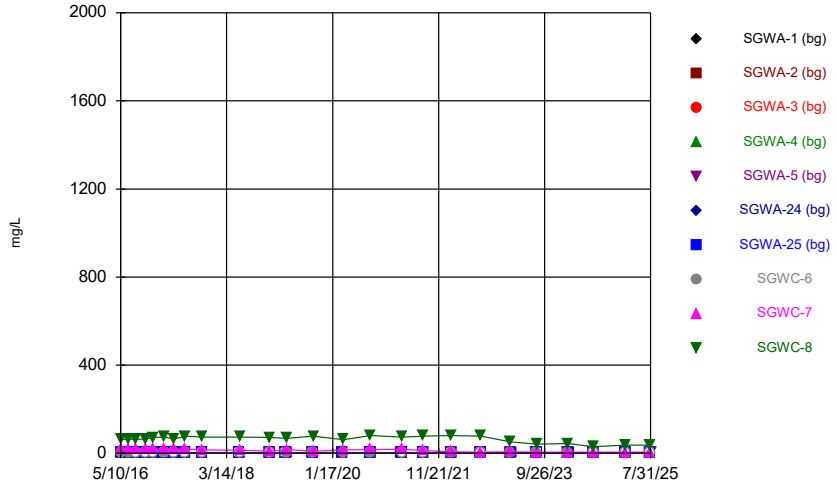
Time Series



Constituent: Selenium Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

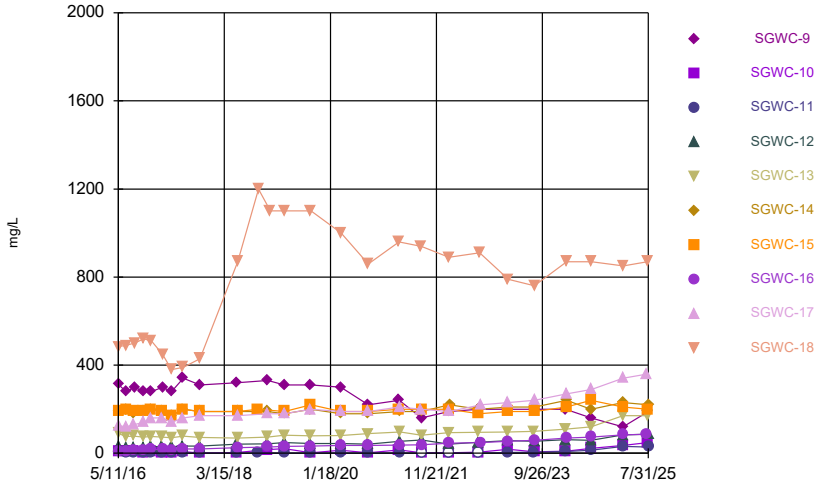
Time Series



Constituent: Sulfate Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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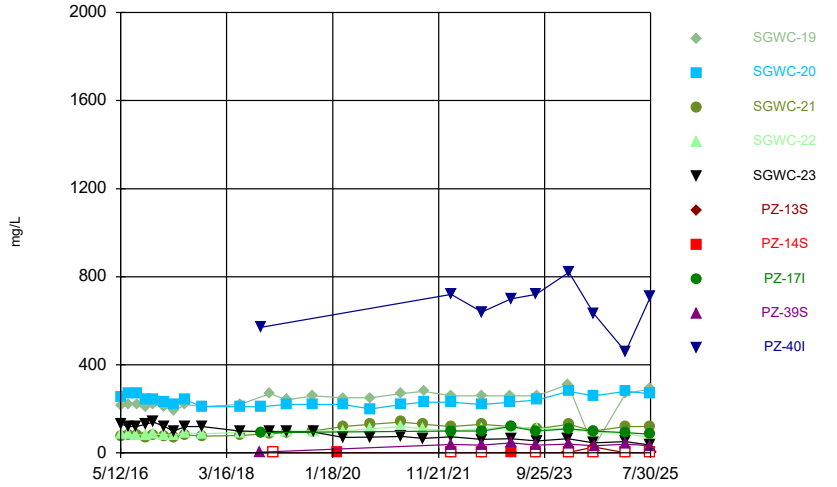
Time Series



Constituent: Sulfate Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

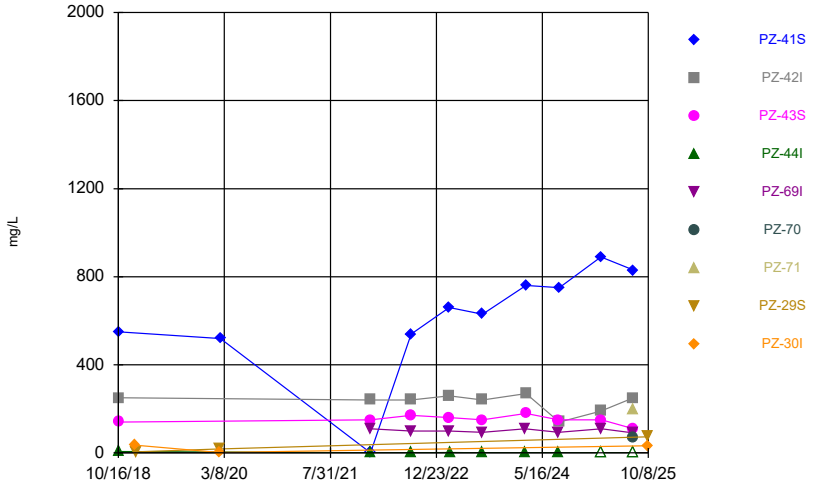
Time Series



Constituent: Sulfate Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

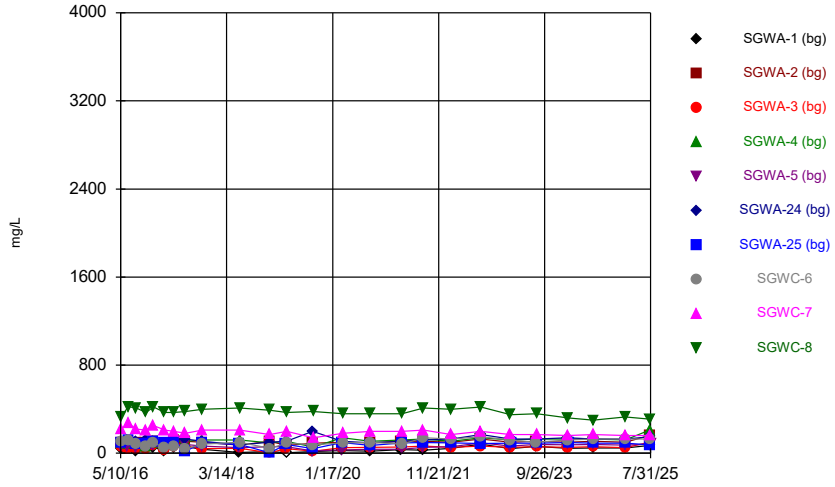
Time Series



Constituent: Sulfate Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

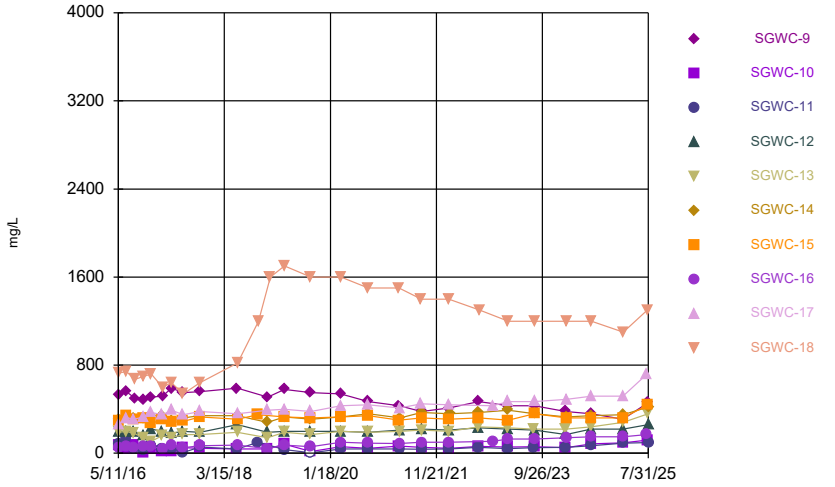
Time Series



Constituent: TDS Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

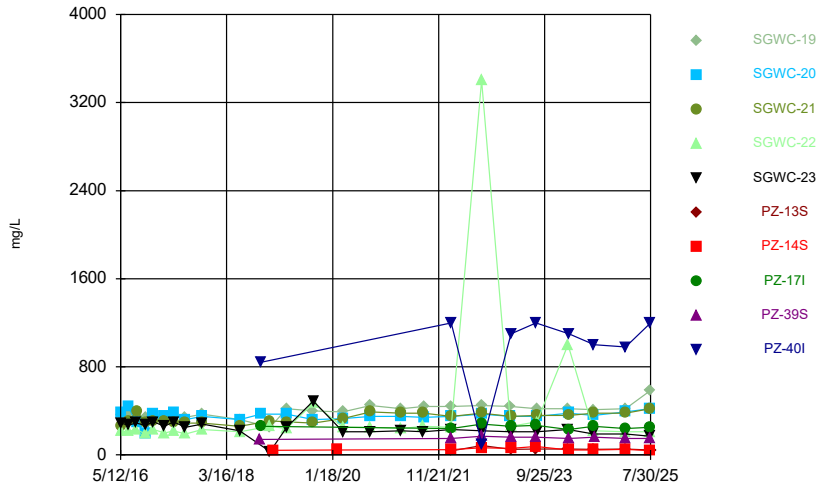
Time Series



Constituent: TDS Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

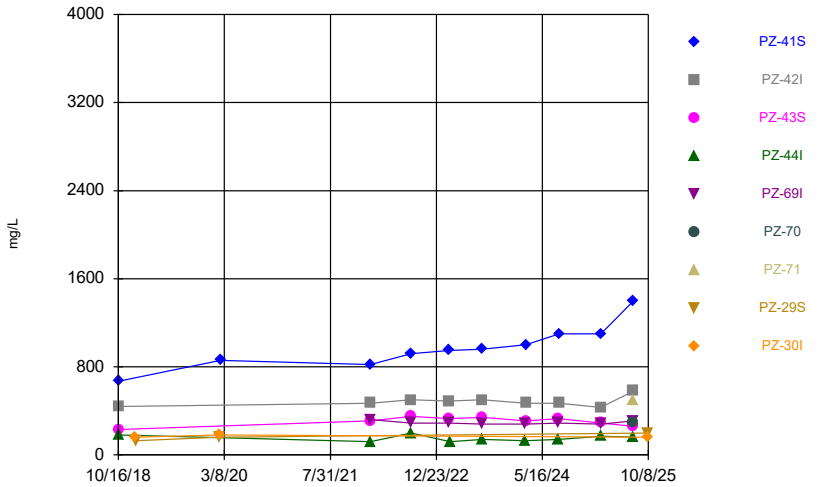
Time Series



Constituent: TDS Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

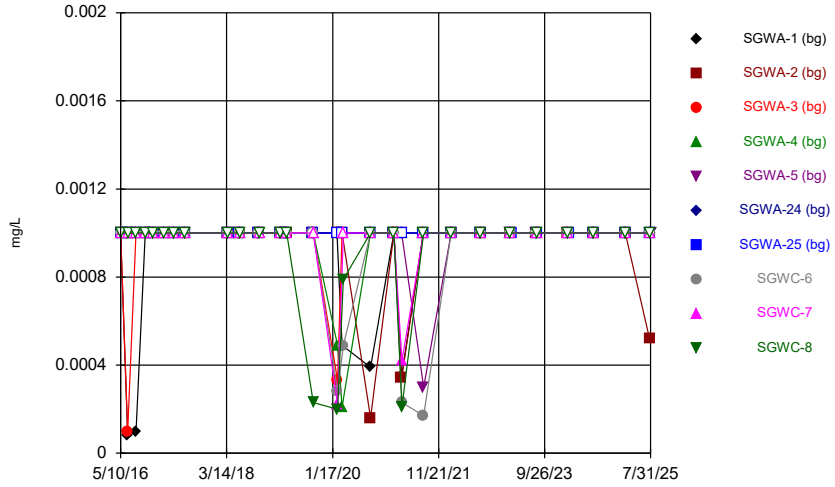
Time Series



Constituent: TDS Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

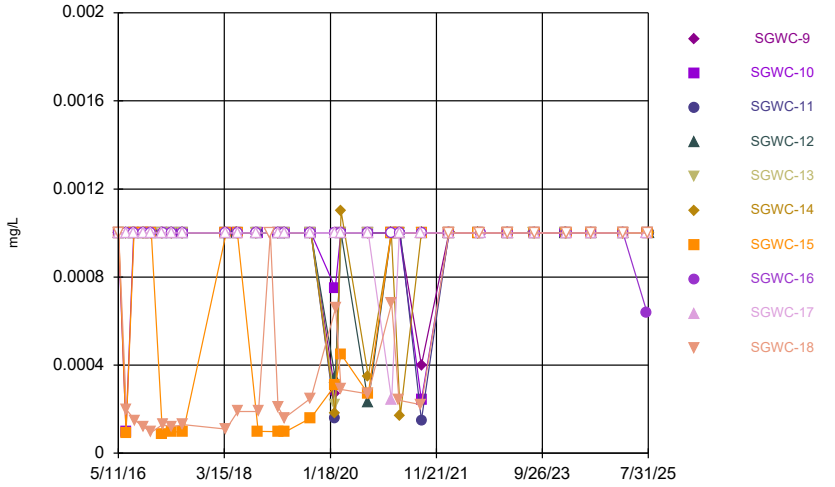
Time Series



Constituent: Thallium Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

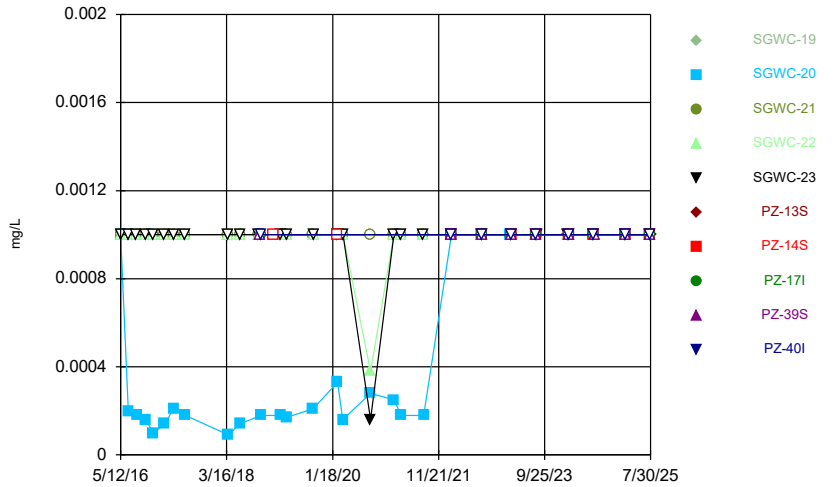
Time Series



Constituent: Thallium Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

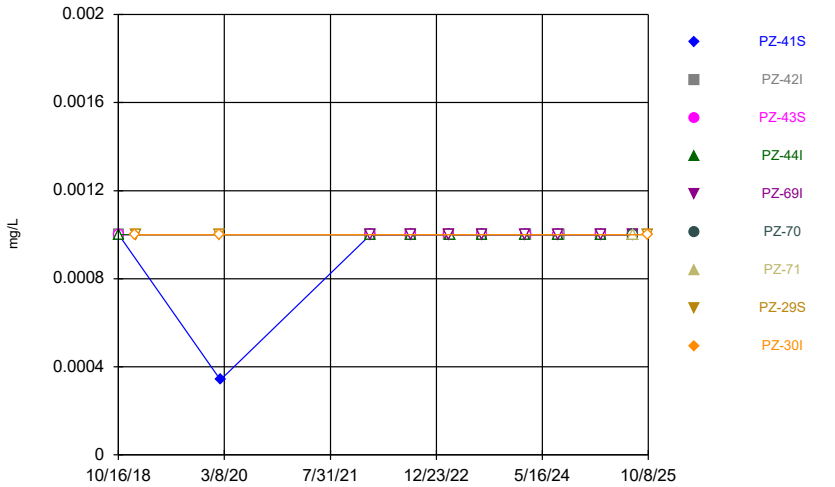
Time Series



Constituent: Thallium Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Thallium Analysis Run 11/17/2025 9:57 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005		
5/11/2016				<0.005				<0.005	<0.005
6/23/2016	0.0004 (J)	<0.005			<0.005	0.0003 (J)			
6/24/2016			0.0021 (J)	0.0007 (J)					
6/27/2016							0.0003 (J)	<0.005	0.0004 (J)
8/16/2016	0.0012 (J)	<0.005	<0.005		<0.005	<0.005			
8/17/2016				<0.005			<0.005	<0.005	<0.005
10/13/2016	<0.005					<0.005			
10/14/2016		<0.005	<0.005		<0.005		<0.005		
10/17/2016				<0.005				<0.005	
10/18/2016									<0.005
12/5/2016						<0.005			
12/6/2016	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
2/14/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/10/2017						<0.005			
4/11/2017	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
4/12/2017								<0.005	<0.005
6/26/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
6/27/2017							<0.005	<0.005	<0.005
3/26/2018	<0.005	<0.005	<0.005			<0.005			
3/27/2018				<0.005	<0.005		<0.005	<0.005	<0.005
10/5/2018	<0.005	<0.005	<0.005			<0.005			
10/8/2018				<0.005	<0.005		<0.005	<0.005	
10/9/2018									<0.005
2/18/2019	<0.005	<0.005		<0.005					
2/19/2019			<0.005		<0.005	<0.005	<0.005		
2/20/2019								<0.005	<0.005
3/28/2019			<0.005	<0.005	<0.005		<0.005		
3/29/2019	<0.005	<0.005				<0.005			
2/13/2020	<0.005	<0.005				<0.005			
2/17/2020					<0.005		<0.005		
2/18/2020			<0.005	<0.005				<0.005	<0.005
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/17/2021	<0.005	<0.005		<0.005			<0.005		
8/18/2021			<0.005		<0.005	<0.005		<0.005	<0.005
2/9/2022	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
2/10/2022						<0.005			
8/17/2022	0.00052 (J)	<0.005							
8/18/2022			<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
8/19/2022								<0.005	
2/21/2023	<0.005		<0.005		<0.005				
2/22/2023		<0.005		<0.005				<0.005	<0.005
2/23/2023						<0.005	<0.005		
8/1/2023	<0.005	<0.005			<0.005			<0.005	
8/7/2023			<0.005	<0.005					
8/8/2023						<0.005	<0.005		<0.005
2/20/2024	<0.005	<0.005		<0.005				<0.005	
2/21/2024			<0.005		<0.005	<0.005			<0.005
2/27/2024							<0.005		
7/31/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
8/1/2024								<0.005	
2/19/2025				<0.005		<0.005	<0.005		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/20/2025	<0.005	<0.005	<0.005		<0.005			<0.005	
7/24/2025	<0.005	<0.005	<0.005	<0.005					
7/28/2025						<0.005			
7/29/2025								<0.005	
7/30/2025							<0.005		<0.005
7/31/2025					<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	<0.005
6/23/2016	
6/24/2016	
6/27/2016	<0.005
8/16/2016	
8/17/2016	<0.005
10/13/2016	
10/14/2016	
10/17/2016	<0.005
10/18/2016	
12/5/2016	
12/6/2016	<0.005
2/14/2017	<0.005
4/10/2017	
4/11/2017	
4/12/2017	<0.005
6/26/2017	
6/27/2017	<0.005
3/26/2018	
3/27/2018	<0.005
10/5/2018	
10/8/2018	
10/9/2018	<0.005
2/18/2019	
2/19/2019	
2/20/2019	<0.005
3/28/2019	
3/29/2019	
2/13/2020	
2/17/2020	
2/18/2020	<0.005
2/9/2021	<0.005
8/17/2021	
8/18/2021	<0.005
2/9/2022	
2/10/2022	<0.005
8/17/2022	
8/18/2022	<0.005
8/19/2022	
2/21/2023	
2/22/2023	<0.005
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	<0.005
2/20/2024	
2/21/2024	<0.005
2/27/2024	
7/31/2024	
8/1/2024	<0.005
2/19/2025	<0.005

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	<0.005
7/31/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	<0.005	<0.005	<0.005	<0.005					
5/12/2016					<0.005	<0.005	<0.005	<0.005	<0.005
5/13/2016									
6/28/2016		0.0014 (J)	<0.005	<0.005	0.0004 (J)	<0.005	<0.005	<0.005	
6/29/2016	<0.005								<0.005
6/30/2016									
8/17/2016		<0.005	<0.005						
8/18/2016				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/22/2016	<0.005								
10/17/2016		<0.005	<0.005	<0.005	<0.005	<0.005			
10/18/2016	<0.005						<0.005	<0.005	
10/19/2016									<0.005
12/6/2016		<0.005	<0.005	<0.005	<0.005				
12/7/2016	<0.005					<0.005	<0.005	<0.005	<0.005
2/15/2017		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
2/16/2017	<0.005							<0.005	
4/12/2017		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
4/13/2017	<0.005							<0.005	<0.005
6/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
6/28/2017									
3/27/2018		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/28/2018	<0.005								
10/8/2018				<0.005	<0.005	<0.005		<0.005	<0.005
10/9/2018	<0.005	<0.005							
2/20/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/18/2020			<0.005						
2/19/2020	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/20/2020									
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/10/2021									<0.005
8/18/2021									<0.005
8/19/2021	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	
8/20/2021				<0.005					
2/10/2022	<0.005		<0.005	<0.005				<0.005	
2/11/2022		<0.005			<0.005		<0.005		<0.005
2/14/2022						<0.005			
8/18/2022	<0.005		<0.005	<0.005	<0.005				
8/19/2022		<0.005				<0.005	<0.005		
8/23/2022									
8/31/2022								<0.005	<0.005
2/22/2023	<0.005	<0.005	<0.005						<0.005
2/23/2023				<0.005	<0.005	<0.005	<0.005	<0.005	
8/2/2023			<0.005		<0.005				
8/7/2023	<0.005	<0.005		<0.005			<0.005		<0.005
8/8/2023						<0.005		<0.005	
2/21/2024	<0.005								
2/23/2024		<0.005	<0.005	<0.005	<0.005				
2/26/2024							<0.005	<0.005	<0.005
2/27/2024						<0.005			
8/1/2024	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
8/5/2024		<0.005							<0.005
2/19/2025	<0.005	<0.005		<0.005	<0.005	<0.005		<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
2/20/2025			<0.005				<0.005		
2/21/2025									
7/23/2025								<0.005	<0.005
7/25/2025									
7/30/2025	<0.005	<0.005			<0.005		<0.005		
7/31/2025			<0.005	<0.005		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	<0.005
6/28/2016	
6/29/2016	
6/30/2016	0.0012 (J)
8/17/2016	
8/18/2016	
8/22/2016	<0.005
10/17/2016	
10/18/2016	
10/19/2016	<0.005
12/6/2016	
12/7/2016	<0.005
2/15/2017	
2/16/2017	<0.005
4/12/2017	
4/13/2017	<0.005
6/27/2017	
6/28/2017	<0.005
3/27/2018	
3/28/2018	<0.005
10/8/2018	
10/9/2018	
2/20/2019	<0.005
2/18/2020	
2/19/2020	
2/20/2020	<0.005
2/9/2021	
2/10/2021	<0.005
8/18/2021	<0.005
8/19/2021	
8/20/2021	
2/10/2022	<0.005
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	<0.005
8/31/2022	
2/22/2023	<0.005
2/23/2023	
8/2/2023	
8/7/2023	<0.005
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	<0.005
8/1/2024	
8/5/2024	<0.005
2/19/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
2/20/2025	
2/21/2025	<0.005
7/23/2025	
7/25/2025	<0.005
7/30/2025	
7/31/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		<0.005	<0.005	<0.005	<0.005				
5/13/2016	<0.005								
6/29/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
8/19/2016				<0.005	<0.005				
8/22/2016	<0.005	<0.005	<0.005						
10/18/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
12/7/2016			<0.005	<0.005	<0.005				
12/8/2016	<0.005	<0.005							
2/15/2017					<0.005				
2/16/2017	<0.005	<0.005	<0.005	<0.005					
4/13/2017	<0.005	<0.005	<0.005	<0.005	<0.005				
6/28/2017	<0.005	<0.005	<0.005	<0.005	<0.005				
3/27/2018					<0.005				
3/28/2018	<0.005	<0.005	<0.005	<0.005					
10/8/2018			<0.005	<0.005	<0.005				
10/9/2018	<0.005								
1/10/2019							<0.005		
2/19/2019				<0.005	<0.005				
2/20/2019	<0.005	<0.005	<0.005						
2/13/2020							<0.005		
2/18/2020		<0.005	<0.005	<0.005	<0.005				
2/19/2020	<0.005								
2/10/2021	<0.005	<0.005	<0.005	<0.005	<0.005				
8/18/2021			<0.005	<0.005	<0.005				
8/19/2021	<0.005	<0.005							
2/8/2022						<0.005	<0.005		
2/9/2022								0.00061 (J)	<0.005
2/10/2022				<0.005	<0.005				
2/11/2022	<0.005	<0.005	<0.005						
8/22/2022	0.0021	0.0019 (J)	0.0019 (J)	0.0022	0.00098 (J)				
8/23/2022							<0.005		<0.005
8/24/2022						<0.005		<0.005	
2/22/2023	<0.005	<0.005							
2/23/2023			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/24/2023									<0.005
8/1/2023							<0.005	<0.005	
8/2/2023						0.00046 (J)			<0.005
8/7/2023	<0.005	<0.005		<0.005					
8/8/2023			<0.005		<0.005				
2/20/2024	<0.005								
2/21/2024				<0.005	<0.005	<0.005			
2/26/2024		<0.005						<0.005	
2/27/2024			<0.005						<0.005
2/28/2024							<0.005		
8/1/2024	<0.005							<0.005	
8/2/2024		<0.005	<0.005	<0.005	<0.005				
8/5/2024						<0.005	<0.005		
8/6/2024									<0.005
2/19/2025						<0.005	<0.005		
2/20/2025		<0.005	<0.005	<0.005					
2/21/2025	<0.005				<0.005			<0.005	
2/24/2025									<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
7/24/2025	<0.005	<0.005							
7/28/2025			<0.005	<0.005	<0.005				
7/29/2025							<0.005	<0.005	<0.005
7/30/2025						<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
3/27/2018	
3/28/2018	
10/8/2018	
10/9/2018	
1/10/2019	
2/19/2019	
2/20/2019	
2/13/2020	
2/18/2020	
2/19/2020	
2/10/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	<0.005
2/11/2022	
8/22/2022	
8/23/2022	0.00089 (J)
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	<0.005
8/1/2023	<0.005
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	
2/21/2024	
2/26/2024	
2/27/2024	<0.005
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	<0.005
8/6/2024	
2/19/2025	
2/20/2025	<0.005
2/21/2025	
2/24/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
7/24/2025	
7/28/2025	
7/29/2025	<0.005
7/30/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
1/3/2019									<0.005
1/8/2019								<0.005	
2/13/2020									<0.005
2/14/2020								<0.005	
2/19/2020	<0.005								
2/9/2022	<0.005	<0.005	<0.005	<0.005					
2/10/2022					<0.005				
8/22/2022		<0.005							
8/24/2022	<0.005		<0.005	<0.005	<0.005				
2/23/2023	<0.005	<0.005							
2/24/2023			<0.005		<0.005				
2/28/2023				<0.005					
8/2/2023	<0.005	<0.005	<0.005	<0.005	<0.005				
2/23/2024				<0.005	<0.005				
2/27/2024	<0.005	<0.005	<0.005						
8/1/2024				<0.005					
8/2/2024			<0.005		<0.005				
8/5/2024		<0.005							
8/6/2024	<0.005								
2/20/2025		0.0009 (J)							
2/21/2025	<0.005								
2/24/2025			<0.005	<0.005	<0.005				
7/29/2025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
10/8/2025								<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005		
5/11/2016				<0.005				<0.005	<0.005
6/23/2016	<0.005	<0.005			<0.005	<0.005			
6/24/2016			<0.005	<0.005					
6/27/2016							<0.005	<0.005	0.0009 (J)
8/16/2016	0.00065 (J)	0.0005 (J)	<0.005		<0.005	<0.005			
8/17/2016				<0.005			0.0012 (J)	<0.005	0.0006 (J)
10/13/2016	<0.005					<0.005			
10/14/2016		<0.005	<0.005		<0.005		0.00073 (J)		
10/17/2016				<0.005				<0.005	
10/18/2016									<0.005
12/5/2016						<0.005			
12/6/2016	<0.005	<0.005	<0.005	<0.005	<0.005		0.00075 (J)	<0.005	<0.005
2/14/2017	0.00055 (J)	0.00046 (J)	<0.005	<0.005	<0.005	0.00057 (J)	0.0015	0.0006 (J)	0.00059 (J)
4/10/2017						<0.005			
4/11/2017	<0.005	<0.005	<0.005	0.0011 (J)	<0.005		0.00072 (J)		
4/12/2017								0.00046 (J)	0.00058 (J)
6/26/2017	0.00081 (J)	0.00089 (J)	0.00063 (J)	0.00055 (J)	0.00079 (J)	0.0009 (J)			
6/27/2017							0.00095 (J)	<0.005	<0.005
3/26/2018	<0.005	<0.005	<0.005			<0.005			
3/27/2018				<0.005	<0.005		0.00052 (J)	<0.005	<0.005
6/5/2018	<0.005	<0.005			<0.005	<0.005	<0.005		
6/6/2018			<0.005	<0.005				<0.005	<0.005
10/5/2018	<0.005	<0.005	<0.005			<0.005			
10/8/2018				<0.005	<0.005		<0.005	<0.005	
10/9/2018									0.00057 (J)
2/18/2019	<0.005	<0.005		<0.005					
2/19/2019			<0.005		<0.005	<0.005	<0.005		
2/20/2019								<0.005	<0.005
3/28/2019			<0.005	<0.005	<0.005		0.00048 (J)		
3/29/2019	<0.005	<0.005				<0.005			
4/1/2019									<0.005
4/2/2019								<0.005	
9/12/2019					<0.005				
9/13/2019						<0.005			
9/16/2019	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	
9/17/2019									<0.005
2/13/2020	<0.005	<0.005				<0.005			
2/17/2020					<0.005		<0.005		
2/18/2020			<0.005	<0.005				<0.005	<0.005
3/17/2020		<0.005	<0.005		<0.005		<0.005		
3/18/2020	<0.005			<0.005		<0.005			
3/25/2020								0.00044 (J)	
3/26/2020									<0.005
9/14/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/30/2021	<0.005	<0.005				<0.005			
3/31/2021			<0.005	<0.005	<0.005				
4/1/2021								<0.005	0.00044 (J)
4/7/2021							<0.005		
8/17/2021	<0.005	<0.005		<0.005			<0.005		
8/18/2021			<0.005		<0.005	<0.005		<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
2/10/2022						<0.005			
8/17/2022	0.00028 (J)	<0.005							
8/18/2022			<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
8/19/2022								<0.005	
2/21/2023	<0.005		<0.005		<0.005				
2/22/2023		<0.005		0.00029 (J)				<0.005	<0.005
2/23/2023						<0.005	<0.005		
8/1/2023	<0.005	<0.005			<0.005			<0.005	
8/7/2023			<0.005	<0.005					
8/8/2023						<0.005	<0.005		<0.005
2/20/2024	<0.005	<0.005		<0.005				<0.005	
2/21/2024			<0.005		<0.005	<0.005			<0.005
2/27/2024							<0.005		
7/31/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
8/1/2024								<0.005	
2/19/2025				<0.005		<0.005	<0.005		<0.005
2/20/2025	<0.005	<0.005	<0.005		<0.005			<0.005	
7/24/2025	<0.005	<0.005	<0.005	<0.005					
7/28/2025						<0.005			
7/29/2025								<0.005	
7/30/2025							<0.005		<0.005
7/31/2025					<0.005				

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	<0.005
6/23/2016	
6/24/2016	
6/27/2016	<0.005
8/16/2016	
8/17/2016	<0.005
10/13/2016	
10/14/2016	
10/17/2016	<0.005
10/18/2016	
12/5/2016	
12/6/2016	<0.005
2/14/2017	0.0005 (J)
4/10/2017	
4/11/2017	
4/12/2017	<0.005
6/26/2017	
6/27/2017	0.00076 (J)
3/26/2018	
3/27/2018	<0.005
6/5/2018	
6/6/2018	<0.005
10/5/2018	
10/8/2018	
10/9/2018	0.00053 (J)
2/18/2019	
2/19/2019	
2/20/2019	<0.005
3/28/2019	
3/29/2019	
4/1/2019	0.001 (J)
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	0.00035 (J)
2/13/2020	
2/17/2020	
2/18/2020	<0.005
3/17/2020	
3/18/2020	
3/25/2020	0.00063 (J)
3/26/2020	
9/14/2020	<0.005
2/9/2021	<0.005
3/30/2021	
3/31/2021	
4/1/2021	<0.005
4/7/2021	
8/17/2021	
8/18/2021	<0.005

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
2/9/2022	
2/10/2022	<0.005
8/17/2022	
8/18/2022	<0.005
8/19/2022	
2/21/2023	
2/22/2023	<0.005
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	<0.005
2/20/2024	
2/21/2024	<0.005
2/27/2024	
7/31/2024	
8/1/2024	<0.005
2/19/2025	<0.005
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	<0.005
7/31/2025	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	<0.005	<0.005	0.00103 (J)	<0.005					
5/12/2016					<0.005	<0.005	<0.005	<0.005	<0.005
5/13/2016									
6/28/2016		<0.005	0.0011 (J)	0.001 (J)	<0.005	<0.005	0.0026 (J)	<0.005	
6/29/2016	0.0009 (J)								<0.005
6/30/2016									
8/17/2016		<0.005	0.0011 (J)						
8/18/2016				0.00091 (J)	<0.005	<0.005	0.0015	<0.005	<0.005
8/22/2016	<0.005								
10/17/2016		<0.005	0.0011 (J)	<0.005	<0.005	<0.005			
10/18/2016	0.00074 (J)						0.0019	<0.005	
10/19/2016									0.0011 (J)
12/6/2016		<0.005	0.00072 (J)	<0.005	<0.005				
12/7/2016	0.00079 (J)					<0.005	0.00079 (J)	<0.005	<0.005
2/15/2017		0.0005 (J)	0.0011 (J)	0.00076 (J)	<0.005	<0.005	0.00073 (J)		0.00059 (J)
2/16/2017	0.00056 (J)							<0.005	
4/12/2017		<0.005	0.00076 (J)	0.00046 (J)	0.00047 (J)	0.00057 (J)	0.0009 (J)		
4/13/2017	0.00079 (J)							<0.005	0.00066 (J)
6/27/2017	0.0011 (J)	0.00074 (J)	0.0011 (J)	0.0011 (J)	0.00088 (J)	0.00058 (J)	0.0011 (J)	0.00055 (J)	0.00075 (J)
6/28/2017									
3/27/2018		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/28/2018	<0.005								
6/6/2018	<0.005	<0.005	<0.005	<0.005					
6/7/2018					<0.005	<0.005	<0.005	<0.005	<0.005
6/8/2018									
10/8/2018				0.0007 (J)	0.00069 (J)	0.0007 (J)		0.00054 (J)	0.00075 (J)
10/9/2018	0.00068 (J)	<0.005							
10/16/2018			<0.005				<0.005		
10/18/2018									
1/2/2019									
2/20/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00075 (J)	<0.005	<0.005
4/1/2019	<0.005	0.00059 (J)	0.0011 (J)	0.0012 (J)	0.0014	0.0012 (J)	0.0016		
4/2/2019								<0.005	<0.005
9/16/2019	<0.005		<0.005	<0.005					
9/17/2019		<0.005			<0.005	<0.005	0.0008 (J)	<0.005	<0.005
2/18/2020			<0.005						
2/19/2020	0.00039 (J)	<0.005		0.00032 (J)	<0.005	<0.005	0.001	<0.005	<0.005
2/20/2020									
3/24/2020									<0.005
3/25/2020	<0.005	<0.005	<0.005						
3/26/2020				0.00032 (J)					
3/27/2020					<0.005	0.0014	0.0016	<0.005	
9/14/2020	<0.005	<0.005	<0.005	<0.005	<0.005				
9/15/2020						<0.005	0.0014	<0.005	<0.005
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0013	<0.005	
2/10/2021									0.00038 (J)
3/30/2021									
3/31/2021	0.00033 (J)	<0.005					0.0012		
4/1/2021								0.00033 (J)	<0.005
4/6/2021						<0.005			
4/7/2021			<0.005	<0.005	<0.005				
8/18/2021									<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2021	<0.005	<0.005	<0.005		<0.005	<0.005	0.0014	<0.005	
8/20/2021				<0.005					
2/10/2022	<0.005		<0.005	<0.005				<0.005	
2/11/2022		<0.005			<0.005		0.0021		<0.005
2/14/2022						<0.005			
8/18/2022	<0.005		<0.005	<0.005	<0.005				
8/19/2022		<0.005				<0.005	0.00066 (J)		
8/23/2022									
8/31/2022								<0.005	<0.005
2/22/2023	<0.005	<0.005	<0.005						<0.005
2/23/2023				<0.005	<0.005	<0.005	0.0012	<0.005	
8/2/2023			<0.005		<0.005				
8/7/2023	<0.005	<0.005		<0.005			<0.005		<0.005
8/8/2023						<0.005		<0.005	
2/21/2024	<0.005								
2/23/2024		<0.005	<0.005	<0.005	<0.005				
2/26/2024							0.0032	<0.005	<0.005
2/27/2024						<0.005			
8/1/2024	<0.005		<0.005	<0.005	<0.005	<0.005	0.0018	<0.005	
8/5/2024		<0.005							<0.005
2/19/2025	<0.005	<0.005		<0.005	<0.005	<0.005		<0.005	<0.005
2/20/2025			<0.005				0.0012		
2/21/2025									
7/23/2025								<0.005	<0.005
7/25/2025									
7/30/2025	<0.005	<0.005			<0.005		<0.005		
7/31/2025			<0.005	<0.005		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	0.00161 (J)
6/28/2016	
6/29/2016	
6/30/2016	0.004 (J)
8/17/2016	
8/18/2016	
8/22/2016	0.0012 (J)
10/17/2016	
10/18/2016	
10/19/2016	0.0019
12/6/2016	
12/7/2016	0.0012 (J)
2/15/2017	
2/16/2017	0.00086 (J)
4/12/2017	
4/13/2017	0.00058 (J)
6/27/2017	
6/28/2017	0.0011 (J)
3/27/2018	
3/28/2018	0.0015
6/6/2018	
6/7/2018	
6/8/2018	0.002
10/8/2018	
10/9/2018	
10/16/2018	
10/18/2018	0.0031
1/2/2019	<0.005
2/20/2019	0.003
4/1/2019	
4/2/2019	0.0027
9/16/2019	
9/17/2019	0.0029
2/18/2020	
2/19/2020	
2/20/2020	0.0031
3/24/2020	
3/25/2020	
3/26/2020	0.0047
3/27/2020	
9/14/2020	
9/15/2020	0.0045
2/9/2021	
2/10/2021	0.0033
3/30/2021	0.0028
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	0.0028

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2021	
8/20/2021	
2/10/2022	0.0043
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	0.0021
8/31/2022	
2/22/2023	0.0015
2/23/2023	
8/2/2023	
8/7/2023	0.00093 (J)
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	0.0018
8/1/2024	
8/5/2024	0.0018
2/19/2025	
2/20/2025	
2/21/2025	0.0012
7/23/2025	
7/25/2025	<0.005
7/30/2025	
7/31/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		<0.005	<0.005	<0.005	<0.005				
5/13/2016	<0.005								
6/29/2016	<0.005	0.0018 (J)	<0.005	<0.005	<0.005				
8/19/2016				<0.005	<0.005				
8/22/2016	<0.005	0.001 (J)	<0.005						
10/18/2016	<0.005	0.00085 (J)	<0.005	<0.005	<0.005				
12/7/2016			<0.005	<0.005	<0.005				
12/8/2016	<0.005	<0.005							
2/15/2017					<0.005				
2/16/2017	<0.005	<0.005	<0.005	<0.005					
4/13/2017	<0.005	<0.005	<0.005	0.0006 (J)	0.00061 (J)				
6/28/2017	0.00068 (J)	0.00094 (J)	0.00076 (J)	0.00089 (J)	0.00079 (J)				
3/27/2018					<0.005				
3/28/2018	<0.005	<0.005	<0.005	<0.005					
6/7/2018		<0.005	<0.005	<0.005	<0.005				
6/8/2018	<0.005								
10/8/2018			<0.005	<0.005	<0.005				
10/9/2018	0.00058 (J)								
10/17/2018									0.0019
10/18/2018		<0.005						<0.005	
1/10/2019							<0.005		
2/19/2019				<0.005	<0.005				
2/20/2019	<0.005	<0.005	<0.005						
4/2/2019	<0.005	<0.005	<0.005	<0.005	<0.005				
9/17/2019	<0.005	0.00037 (J)	<0.005						
9/18/2019				0.00035 (J)	<0.005				
2/13/2020							<0.005		
2/18/2020		0.00032 (J)	<0.005	0.00034 (J)	<0.005				
2/19/2020	<0.005								
3/23/2020	<0.005	0.0005 (J)	<0.005						
3/24/2020				<0.005	<0.005				
9/15/2020	<0.005	0.00051 (J)	<0.005	<0.005	<0.005				
2/10/2021	<0.005	0.00059 (J)	<0.005	<0.005	<0.005				
3/30/2021	<0.005	0.00049 (J)	<0.005						
3/31/2021				<0.005	<0.005				
8/18/2021			<0.005	<0.005	<0.005				
8/19/2021	<0.005	0.00066 (J)							
2/8/2022						<0.005	<0.005		
2/9/2022								<0.005	<0.005
2/10/2022				0.00031 (J)	<0.005				
2/11/2022	<0.005	0.00081 (J)	<0.005						
8/22/2022	<0.005	0.00042 (J)	<0.005	0.00044 (J)	<0.005				
8/23/2022							<0.005		0.00028 (J)
8/24/2022						<0.005		<0.005	
2/22/2023	<0.005	0.00046 (J)							
2/23/2023			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/24/2023									<0.005
8/1/2023							<0.005	<0.005	
8/2/2023						<0.005			<0.005
8/7/2023	<0.005	<0.005		<0.005					
8/8/2023			<0.005		<0.005				
2/20/2024	<0.005								

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
2/21/2024				<0.005	<0.005	<0.005			
2/26/2024		0.0015						<0.005	
2/27/2024			<0.005						<0.005
2/28/2024							<0.005		
8/1/2024	<0.005							<0.005	
8/2/2024		0.00098 (J)	<0.005	<0.005	<0.005				
8/5/2024						<0.005	<0.005		
8/6/2024									<0.005
2/19/2025						<0.005	<0.005		
2/20/2025		<0.005	<0.005	<0.005					
2/21/2025	<0.005				<0.005			<0.005	
2/24/2025									<0.005
7/24/2025	<0.005	<0.005							
7/28/2025			<0.005	<0.005	<0.005				
7/29/2025							<0.005	<0.005	<0.005
7/30/2025						<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
3/27/2018	
3/28/2018	
6/7/2018	
6/8/2018	
10/8/2018	
10/9/2018	
10/17/2018	
10/18/2018	<0.005
1/10/2019	
2/19/2019	
2/20/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
2/10/2021	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	<0.005
2/11/2022	
8/22/2022	
8/23/2022	<0.005
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	<0.005
8/1/2023	<0.005
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
2/21/2024	
2/26/2024	
2/27/2024	<0.005
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	<0.005
8/6/2024	
2/19/2025	
2/20/2025	<0.005
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	<0.005
7/30/2025	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				<0.005					
10/18/2018	<0.005	<0.005	<0.005						
1/3/2019									<0.005
1/8/2019								<0.005	
2/13/2020									<0.005
2/14/2020								<0.005	
2/19/2020	<0.005								
2/9/2022	<0.005	<0.005	<0.005	<0.005					
2/10/2022					0.00059 (J)				
8/22/2022		0.00049 (J)							
8/24/2022	<0.005		<0.005	<0.005	0.00074 (J)				
2/23/2023	<0.005	<0.005							
2/24/2023			<0.005		0.0007 (J)				
2/28/2023				<0.005					
8/2/2023	<0.005	<0.005	<0.005	<0.005	<0.005				
2/23/2024				<0.005	<0.005				
2/27/2024	<0.005	<0.005	<0.005						
8/1/2024				<0.005					
8/2/2024			<0.005		<0.005				
8/5/2024		<0.005							
8/6/2024	<0.005								
2/20/2025		<0.005							
2/21/2025	<0.005								
2/24/2025			<0.005	<0.005	<0.005				
7/29/2025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
10/8/2025								<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	0.0663	0.0409	0.036		0.0112	0.0214	0.0253		
5/11/2016				0.0484				0.0933	0.295
6/23/2016	0.055	0.0342			0.0101	0.0204			
6/24/2016			0.0343	0.0471					
6/27/2016							0.0253	0.101	0.353
8/16/2016	0.048	0.034	0.029		0.0088	0.018			
8/17/2016				0.046			0.021	0.094	0.29
10/13/2016	0.061					0.022			
10/14/2016		0.041	0.034		0.01		0.023		
10/17/2016				0.049				0.11	
10/18/2016									0.29
12/5/2016						0.023			
12/6/2016	0.053	0.042	0.033	0.047	0.011		0.02	0.11	0.31
2/14/2017	0.046	0.035	0.032	0.05	0.01	0.021	0.018	0.056	0.3
4/10/2017						0.021			
4/11/2017	0.046	0.037	0.033	0.053	0.01		0.021		
4/12/2017								0.048	0.3
6/26/2017	0.048	0.037	0.036	0.058	0.011	0.022			
6/27/2017							0.024	0.058	0.36
3/26/2018	0.053	0.036	0.035			0.022			
3/27/2018				0.061	0.01		0.024	0.021	0.27
6/5/2018	0.058	0.038			0.011	0.022	0.024		
6/6/2018			0.036	0.058				0.014	0.24
10/5/2018	0.058	0.036	0.035			0.024			
10/8/2018				0.064	0.011		0.024	0.069	
10/9/2018									0.28
2/18/2019	0.046	0.035		0.057					
2/19/2019			0.033		0.0094	0.019	0.022		
2/20/2019								0.052	0.28
3/28/2019			0.036	0.061	0.0097		0.022		
3/29/2019	0.044	0.039				0.021			
4/1/2019									0.24
4/2/2019								0.069	
9/12/2019					0.012				
9/13/2019						0.025			
9/16/2019	0.048	0.045	0.041	0.068			0.028	0.13	
9/17/2019									0.23
2/13/2020	0.042	0.043				0.025			
2/17/2020					0.01		0.026		
2/18/2020			0.04	0.069				0.083	0.25
3/17/2020		0.039	0.037		0.01		0.025		
3/18/2020	0.046			0.071		0.023			
3/25/2020								0.12	
3/26/2020									0.23
9/14/2020	0.043	0.038	0.039	0.068	0.011	0.024	0.026	0.14	0.27
2/9/2021	0.043	0.037	0.035	0.065	0.01	0.023	0.025	0.12	0.26
3/30/2021	0.047	0.039				0.022			
3/31/2021			0.041	0.068	0.011				
4/1/2021								0.12	0.26
4/7/2021							0.026		
8/17/2021	0.047	0.038		0.066			0.027		
8/18/2021			0.036		0.011	0.025		0.13	0.24

Time Series

Constituent: Barium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	0.044	0.039	0.041	0.069	0.011		0.026	0.13	0.21
2/10/2022						0.025			
8/17/2022	0.046	0.04							
8/18/2022			0.035	0.071	0.011	0.023	0.022		0.2
8/19/2022								0.15	
2/21/2023	0.049		0.045		0.012				
2/22/2023		0.038		0.078				0.12	0.22
2/23/2023						0.028	0.026		
8/1/2023	0.047	0.038			0.013			0.14	
8/7/2023			0.036	0.077					
8/8/2023						0.027	0.024		0.24
2/20/2024	0.045	0.048		0.091				0.13	
2/21/2024			0.042		0.012	0.028			0.22
2/27/2024							0.028		
7/31/2024	0.049	0.038	0.037	0.082	0.013	0.035	0.024		0.25
8/1/2024								0.17	
2/19/2025				0.077		0.029	0.028		0.25
2/20/2025	0.047	0.041	0.038		0.014			0.17	
7/24/2025	0.051	0.041	0.039	0.077					
7/28/2025						0.029			
7/29/2025								0.17	
7/30/2025							0.026		0.27
7/31/2025					0.012				

Time Series

Constituent: Barium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	0.251
6/23/2016	
6/24/2016	
6/27/2016	0.205
8/16/2016	
8/17/2016	0.16
10/13/2016	
10/14/2016	
10/17/2016	0.17
10/18/2016	
12/5/2016	
12/6/2016	0.16
2/14/2017	0.18
4/10/2017	
4/11/2017	
4/12/2017	0.18
6/26/2017	
6/27/2017	0.18
3/26/2018	
3/27/2018	0.17
6/5/2018	
6/6/2018	0.18
10/5/2018	
10/8/2018	
10/9/2018	0.17
2/18/2019	
2/19/2019	
2/20/2019	0.2
3/28/2019	
3/29/2019	
4/1/2019	0.19
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	0.19
2/13/2020	
2/17/2020	
2/18/2020	0.17
3/17/2020	
3/18/2020	
3/25/2020	0.19
3/26/2020	
9/14/2020	0.18
2/9/2021	0.18
3/30/2021	
3/31/2021	
4/1/2021	0.17
4/7/2021	
8/17/2021	
8/18/2021	0.16

Time Series

Constituent: Barium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
2/9/2022	
2/10/2022	0.18
8/17/2022	
8/18/2022	0.16
8/19/2022	
2/21/2023	
2/22/2023	0.13
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	0.13
2/20/2024	
2/21/2024	0.12
2/27/2024	
7/31/2024	
8/1/2024	0.13
2/19/2025	0.14
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	0.14
7/31/2025	

Time Series

Constituent: Barium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	0.0494	0.0294	0.038	0.0324					
5/12/2016					0.0198	0.067	0.041	0.0163	0.0157
5/13/2016									
6/28/2016		0.0293	0.0363	0.0321	0.0208	0.0668	0.0435	0.0165	
6/29/2016	0.0535								0.0161
6/30/2016									
8/17/2016		0.029	0.033						
8/18/2016				0.03	0.022	0.06	0.043	0.017	0.016
8/22/2016	0.049								
10/17/2016		0.027	0.035	0.032	0.024	0.06			
10/18/2016	0.049						0.041	0.017	
10/19/2016									0.023
12/6/2016		0.03	0.035	0.032	0.025				
12/7/2016	0.048					0.063	0.042	0.017	0.018
2/15/2017		0.025	0.036	0.036	0.026	0.061	0.038		0.02
2/16/2017	0.056							0.017	
4/12/2017		0.028	0.038	0.037	0.029	0.062	0.038		
4/13/2017	0.063							0.019	0.019
6/27/2017	0.067	0.034	0.042	0.042	0.031	0.06	0.041	0.02	0.019
6/28/2017									
3/27/2018		0.031	0.039	0.043	0.029	0.055	0.035	0.021	0.02
3/28/2018	0.069								
6/6/2018	0.069	0.027	0.041	0.048					
6/7/2018					0.032	0.057	0.035	0.022	0.02
6/8/2018									
10/8/2018				0.049	0.033	0.053		0.025	0.021
10/9/2018	0.077	0.032							
10/16/2018			0.037				0.031		
10/18/2018									
1/2/2019									
2/20/2019	0.077	0.036	0.044	0.054	0.041	0.053	0.036	0.027	0.023
4/1/2019	0.071	0.039	0.041	0.051	0.038	0.054	0.034		
4/2/2019								0.023	0.02
9/16/2019	0.077		0.045	0.052					
9/17/2019		0.029			0.036	0.048	0.034	0.029	0.025
2/18/2020			0.044						
2/19/2020	0.065	0.027		0.053	0.033	0.047	0.031	0.029	0.022
2/20/2020									
3/24/2020									0.024
3/25/2020	0.066	0.036	0.046						
3/26/2020				0.051					
3/27/2020					0.034	0.049	0.028	0.027	
9/14/2020	0.059	0.027	0.042	0.057	0.039				
9/15/2020						0.05	0.031	0.031	0.025
2/9/2021	0.054	0.028	0.043	0.058	0.036	0.046	0.029	0.03	
2/10/2021									0.023
3/30/2021									
3/31/2021	0.061	0.036					0.028		
4/1/2021								0.029	0.022
4/6/2021						0.048			
4/7/2021			0.046	0.058	0.037				
8/18/2021									0.024

Time Series

Constituent: Barium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2021	0.043	0.025	0.045		0.036	0.042	0.027	0.029	
8/20/2021				0.057					
2/10/2022	0.047		0.045	0.057				0.034	
2/11/2022		0.025			0.034		0.027		0.025
2/14/2022						0.047			
8/18/2022	0.05		0.044	0.056	0.036				
8/19/2022		0.027				0.048	0.025		
8/23/2022									
8/31/2022								0.033	0.033
2/22/2023	0.044	0.038	0.044						0.024
2/23/2023				0.058	0.035	0.038	0.023	0.035	
8/2/2023			0.048		0.036				
8/7/2023	0.049	0.032		0.053			0.031		0.026
8/8/2023						0.045		0.043	
2/21/2024	0.046								
2/23/2024		0.036	0.062	0.073	0.043				
2/26/2024							0.028	0.05	0.029
2/27/2024						0.042			
8/1/2024	0.046		0.059	0.072	0.048	0.037	0.028	0.054	
8/5/2024		0.041							0.025
2/19/2025	0.035	0.043		0.075	0.044	0.032		0.059	0.032
2/20/2025			0.072				0.025		
2/21/2025									
7/23/2025								0.059	0.031
7/25/2025									
7/30/2025	0.066	0.055			0.047		0.025		
7/31/2025			0.087	0.073		0.031			

Time Series

Constituent: Barium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	0.0138
6/28/2016	
6/29/2016	
6/30/2016	0.0145
8/17/2016	
8/18/2016	
8/22/2016	0.014
10/17/2016	
10/18/2016	
10/19/2016	0.016
12/6/2016	
12/7/2016	0.015
2/15/2017	
2/16/2017	0.013
4/12/2017	
4/13/2017	0.012
6/27/2017	
6/28/2017	0.012
3/27/2018	
3/28/2018	0.029
6/6/2018	
6/7/2018	
6/8/2018	0.032
10/8/2018	
10/9/2018	
10/16/2018	
10/18/2018	0.033
1/2/2019	0.027
2/20/2019	0.034
4/1/2019	
4/2/2019	0.028
9/16/2019	
9/17/2019	0.026
2/18/2020	
2/19/2020	
2/20/2020	0.023
3/24/2020	
3/25/2020	
3/26/2020	0.02
3/27/2020	
9/14/2020	
9/15/2020	0.02
2/9/2021	
2/10/2021	0.016
3/30/2021	0.015
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	0.022

Time Series

Constituent: Barium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2021	
8/20/2021	
2/10/2022	0.013
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	0.012
8/31/2022	
2/22/2023	0.0098 (J)
2/23/2023	
8/2/2023	
8/7/2023	0.0092 (J)
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	0.01
8/1/2024	
8/5/2024	0.011
2/19/2025	
2/20/2025	
2/21/2025	0.0093 (J)
7/23/2025	
7/25/2025	0.011
7/30/2025	
7/31/2025	

Time Series

Constituent: Barium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		0.0436	0.0914	0.1	0.0959				
5/13/2016	0.0507								
6/29/2016	0.0485	0.0466	0.0933	0.0991	0.0957				
8/19/2016				0.096	0.093				
8/22/2016	0.044	0.038	0.086						
10/18/2016	0.042	0.039	0.093	0.096	0.093				
12/7/2016			0.096	0.09	0.09				
12/8/2016	0.045	0.038							
2/15/2017					0.09				
2/16/2017	0.04	0.034	0.091	0.091					
4/13/2017	0.037	0.028	0.088	0.091	0.081				
6/28/2017	0.04	0.03	0.094	0.1	0.085				
3/27/2018					0.076				
3/28/2018	0.034	0.027	0.09	0.084					
6/7/2018		0.029	0.092	0.084	0.082				
6/8/2018	0.035								
10/8/2018			0.092	0.084	0.077				
10/9/2018	0.037								
10/17/2018									0.02
10/18/2018		0.027						0.055	
1/10/2019							0.032		
2/19/2019				0.075	0.064				
2/20/2019	0.036	0.03	0.1						
4/2/2019	0.03	0.023	0.087	0.076	0.068				
9/17/2019	0.035	0.025	0.097						
9/18/2019				0.078	0.068				
2/13/2020							0.036		
2/18/2020		0.023	0.11	0.085	0.065				
2/19/2020	0.034								
3/23/2020	0.032	0.024	0.1						
3/24/2020				0.081	0.065				
9/15/2020	0.034	0.024	0.13	0.083	0.064				
2/10/2021	0.031	0.023	0.12	0.078	0.066				
3/30/2021	0.03	0.021	0.12						
3/31/2021				0.072	0.059				
8/18/2021			0.12	0.074	0.056				
8/19/2021	0.027	0.02							
2/8/2022						0.049	0.033		
2/9/2022								0.06	0.04
2/10/2022				0.07	0.064				
2/11/2022	0.032	0.022	0.11						
8/22/2022	0.023	0.021	0.1	0.075	0.056				
8/23/2022							0.034		0.039
8/24/2022						0.046		0.058	
2/22/2023	0.022	0.018							
2/23/2023			0.1	0.082	0.06	0.049	0.036	0.062	
2/24/2023									0.045
8/1/2023							0.034	0.054	
8/2/2023						0.046			0.043
8/7/2023	0.022	0.02		0.074					
8/8/2023			0.12		0.058				
2/20/2024	0.024								

Time Series

Constituent: Barium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
2/21/2024				0.075	0.056	0.049			
2/26/2024		0.021						0.068	
2/27/2024			0.12						0.042
2/28/2024							0.037		
8/1/2024	0.025							0.063	
8/2/2024		0.023	0.13	0.08	0.06				
8/5/2024						0.043	0.031		
8/6/2024									0.038
2/19/2025						0.041	0.038		
2/20/2025		0.022	0.12	0.071					
2/21/2025	0.024				0.064			0.06	
2/24/2025									0.043
7/24/2025	0.023	0.021							
7/28/2025			0.12	0.064	0.052				
7/29/2025							0.034	0.057	0.042
7/30/2025						0.043			

Time Series

Constituent: Barium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
3/27/2018	
3/28/2018	
6/7/2018	
6/8/2018	
10/8/2018	
10/9/2018	
10/17/2018	
10/18/2018	0.089
1/10/2019	
2/19/2019	
2/20/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
2/10/2021	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	0.042
2/11/2022	
8/22/2022	
8/23/2022	0.055
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	0.039
8/1/2023	0.038
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	

Time Series

Constituent: Barium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
2/21/2024	
2/26/2024	
2/27/2024	0.036
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	0.033
8/6/2024	
2/19/2025	
2/20/2025	0.033
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	0.031
7/30/2025	

Time Series

Constituent: Barium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				0.014					
10/18/2018	0.059	0.1	0.12						
1/3/2019									0.062
1/8/2019								0.021	
2/13/2020									0.081
2/14/2020								0.031	
2/19/2020	0.032								
2/9/2022	0.026	0.056	0.085	0.0078 (J)					
2/10/2022					0.14				
8/22/2022		0.052							
8/24/2022	0.025		0.07	0.0079 (J)	0.13				
2/23/2023	0.026	0.052							
2/24/2023			0.076		0.16				
2/28/2023				0.008 (J)					
8/2/2023	0.023	0.05	0.074	0.0092 (J)	0.17				
2/23/2024				0.009 (J)	0.19				
2/27/2024	0.025	0.05	0.074						
8/1/2024				0.01					
8/2/2024			0.075		0.19				
8/5/2024		0.051							
8/6/2024	0.023								
2/20/2025		0.047							
2/21/2025	0.024								
2/24/2025			0.07	0.0099 (J)	0.18				
7/29/2025	0.023	0.047	0.052	0.012	0.17	0.079	0.042		
10/8/2025								0.034	0.071

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		
5/11/2016				<0.001				<0.001	<0.001
6/23/2016	0.0002 (J)	<0.001			<0.001	<0.001			
6/24/2016			<0.001	<0.001					
6/27/2016							<0.001	<0.001	<0.001
8/16/2016	<0.001	<0.001	<0.001		<0.001	<0.001			
8/17/2016				<0.001			<0.001	<0.001	<0.001
10/13/2016	<0.001					<0.001			
10/14/2016		<0.001	<0.001		<0.001		<0.001		
10/17/2016				<0.001				<0.001	
10/18/2016									<0.001
12/5/2016						<0.001			
12/6/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/14/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017						<0.001			
4/11/2017	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		
4/12/2017								<0.001	<0.001
6/26/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
6/27/2017							<0.001	<0.001	<0.001
3/26/2018	<0.001	<0.001	<0.001			<0.001			
3/27/2018				<0.001	<0.001		<0.001	<0.001	<0.001
6/5/2018	<0.001	<0.001			<0.001	<0.001	<0.001		
6/6/2018			<0.001	<0.001				<0.001	<0.001
10/5/2018	<0.001	<0.001	<0.001			<0.001			
10/8/2018				<0.001	<0.001		<0.001	<0.001	
10/9/2018									<0.001
2/18/2019	<0.001	<0.001		<0.001					
2/19/2019			<0.001		<0.001	<0.001	<0.001		
2/20/2019								<0.001	<0.001
3/28/2019			<0.001	<0.001	<0.001		<0.001		
3/29/2019	<0.001	<0.001				<0.001			
4/1/2019									<0.001
4/2/2019								<0.001	
9/12/2019					<0.001				
9/13/2019						<0.001			
9/16/2019	0.00028 (J)	<0.001	<0.001	<0.001			<0.001	<0.001	
9/17/2019									<0.001
2/13/2020	0.00031 (J)	<0.001				<0.001			
2/17/2020					<0.001		<0.001		
2/18/2020			<0.001	<0.001				<0.001	<0.001
3/17/2020		<0.001	<0.001		<0.001		<0.001		
3/18/2020	0.00029 (J)			0.00018 (J)		<0.001			
3/25/2020								0.0002 (J)	
3/26/2020									<0.001
9/14/2020	0.00051 (J)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/30/2021	0.00025 (J)	<0.001				<0.001			
3/31/2021			<0.001	<0.001	<0.001				
4/1/2021								<0.001	<0.001
4/7/2021							<0.001		
8/17/2021	0.00029 (J)	<0.001		<0.001			<0.001		
8/18/2021			<0.001		<0.001	<0.001		<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/10/2022						<0.001			
8/17/2022	0.00027 (J)	<0.001							
8/18/2022			<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/19/2022								<0.001	
2/21/2023	0.00036 (J)		<0.001		<0.001				
2/22/2023		<0.001		<0.001				<0.001	<0.001
2/23/2023						<0.001	<0.001		
8/1/2023	0.00031 (J)	<0.001			<0.001			<0.001	
8/7/2023			<0.001	<0.001					
8/8/2023						<0.001	<0.001		<0.001
2/20/2024	0.00032 (J)	<0.001		<0.001				<0.001	
2/21/2024			<0.001		<0.001	<0.001			0.00033 (J)
2/27/2024							<0.001		
7/31/2024	0.00023 (J)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/1/2024								<0.001	
2/19/2025				<0.001		<0.001	<0.001		<0.001
2/20/2025	0.00037 (J)	<0.001	<0.001		<0.001			<0.001	
7/24/2025	0.00025 (J)	<0.001	<0.001	<0.001					
7/28/2025						<0.001			
7/29/2025								<0.001	
7/30/2025							0.00047 (J)		0.00021 (J)
7/31/2025					<0.001				

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	<0.001
6/23/2016	
6/24/2016	
6/27/2016	<0.001
8/16/2016	
8/17/2016	<0.001
10/13/2016	
10/14/2016	
10/17/2016	<0.001
10/18/2016	
12/5/2016	
12/6/2016	<0.001
2/14/2017	<0.001
4/10/2017	
4/11/2017	
4/12/2017	<0.001
6/26/2017	
6/27/2017	<0.001
3/26/2018	
3/27/2018	<0.001
6/5/2018	
6/6/2018	<0.001
10/5/2018	
10/8/2018	
10/9/2018	<0.001
2/18/2019	
2/19/2019	
2/20/2019	<0.001
3/28/2019	
3/29/2019	
4/1/2019	<0.001
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	0.00019 (J)
2/13/2020	
2/17/2020	
2/18/2020	<0.001
3/17/2020	
3/18/2020	
3/25/2020	0.0003 (J)
3/26/2020	
9/14/2020	<0.001
2/9/2021	<0.001
3/30/2021	
3/31/2021	
4/1/2021	<0.001
4/7/2021	
8/17/2021	
8/18/2021	<0.001

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
2/9/2022	
2/10/2022	<0.001
8/17/2022	
8/18/2022	<0.001
8/19/2022	
2/21/2023	
2/22/2023	<0.001
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	<0.001
2/20/2024	
2/21/2024	<0.001
2/27/2024	
7/31/2024	
8/1/2024	<0.001
2/19/2025	<0.001
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	0.00057 (J)
7/31/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	<0.001	<0.001	<0.001	<0.001					
5/12/2016					<0.001	<0.001	<0.001	<0.001	<0.001
5/13/2016									
6/28/2016		<0.001	<0.001	<0.001	<0.001	<0.001	0.0003 (J)	<0.001	
6/29/2016	<0.001								<0.001
6/30/2016									
8/17/2016		<0.001	<0.001						
8/18/2016				<0.001	<0.001	<0.001	0.00037 (J)	<0.001	<0.001
8/22/2016	<0.001								
10/17/2016		<0.001	<0.001	<0.001	<0.001	<0.001			
10/18/2016	<0.001						<0.001	<0.001	
10/19/2016									<0.001
12/6/2016		<0.001	<0.001	<0.001	<0.001				
12/7/2016	<0.001					<0.001	<0.001	<0.001	<0.001
2/15/2017		<0.001	<0.001	<0.001	<0.001	<0.001	0.00037 (J)		<0.001
2/16/2017	<0.001							<0.001	
4/12/2017		<0.001	<0.001	<0.001	<0.001	<0.001	0.00035 (J)		
4/13/2017	<0.001							<0.001	<0.001
6/27/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0004 (J)	<0.001	<0.001
6/28/2017									
3/27/2018		<0.001	<0.001	<0.001	<0.001	<0.001	0.00041 (J)	<0.001	<0.001
3/28/2018	<0.001								
6/6/2018	<0.001	<0.001	<0.001	<0.001					
6/7/2018					<0.001	<0.001	0.00038 (J)	<0.001	<0.001
6/8/2018									
10/8/2018				<0.001	<0.001	<0.001		<0.001	<0.001
10/9/2018	<0.001	<0.001							
10/16/2018			<0.001				0.0004 (J)		
10/18/2018									
1/2/2019									
2/20/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00042 (J)	<0.001	<0.001
4/1/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00034 (J)		
4/2/2019								<0.001	<0.001
9/16/2019	<0.001		<0.001	<0.001					
9/17/2019		<0.001			<0.001	<0.001	0.00046 (J)	<0.001	<0.001
2/18/2020			<0.001						
2/19/2020	<0.001	0.00026 (J)		<0.001	<0.001	<0.001	0.00045 (J)	<0.001	<0.001
2/20/2020									
3/24/2020									<0.001
3/25/2020	<0.001	<0.001	<0.001						
3/26/2020				<0.001					
3/27/2020					<0.001	0.00053 (J)	0.00059 (J)	<0.001	
9/14/2020	<0.001	<0.001	<0.001	<0.001	<0.001				
9/15/2020						0.0002 (J)	0.00053 (J)	<0.001	<0.001
2/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00044 (J)	<0.001	
2/10/2021									0.00028 (J)
3/30/2021									
3/31/2021	<0.001	<0.001					0.00045 (J)		
4/1/2021								<0.001	<0.001
4/6/2021						<0.001			
4/7/2021			<0.001	<0.001	<0.001				
8/18/2021									<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2021	<0.001	<0.001	<0.001		<0.001	<0.001	0.00033 (J)	<0.001	
8/20/2021				<0.001					
2/10/2022	<0.001		<0.001	<0.001				<0.001	
2/11/2022		<0.001			<0.001		0.0004 (J)		<0.001
2/14/2022						<0.001			
8/18/2022	<0.001		<0.001	<0.001	<0.001				
8/19/2022		<0.001				<0.001	0.00039 (J)		
8/23/2022									
8/31/2022								<0.001	<0.001
2/22/2023	<0.001	<0.001	<0.001						<0.001
2/23/2023				<0.001	<0.001	<0.001	0.00038 (J)	<0.001	
8/2/2023			<0.001		<0.001				
8/7/2023	<0.001	<0.001		<0.001			0.00046 (J)		<0.001
8/8/2023						<0.001		<0.001	
2/21/2024	<0.001								
2/23/2024		<0.001	<0.001	<0.001	<0.001				
2/26/2024							0.00051 (J)	<0.001	<0.001
2/27/2024						<0.001			
8/1/2024	<0.001		<0.001	<0.001	<0.001	<0.001	0.00052 (J)	<0.001	
8/5/2024		<0.001							<0.001
2/19/2025	<0.001	<0.001		<0.001	<0.001	<0.001		<0.001	<0.001
2/20/2025			<0.001				0.00054 (J)		
2/21/2025									
7/23/2025								0.00044 (J)	<0.001
7/25/2025									
7/30/2025	0.00032 (J)	0.00048 (J)			0.00039 (J)		0.0011		
7/31/2025			0.00032 (J)	<0.001		0.00022 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	<0.001
6/28/2016	
6/29/2016	
6/30/2016	0.0003 (J)
8/17/2016	
8/18/2016	
8/22/2016	<0.001
10/17/2016	
10/18/2016	
10/19/2016	<0.001
12/6/2016	
12/7/2016	<0.001
2/15/2017	
2/16/2017	<0.001
4/12/2017	
4/13/2017	<0.001
6/27/2017	
6/28/2017	<0.001
3/27/2018	
3/28/2018	0.00036 (J)
6/6/2018	
6/7/2018	
6/8/2018	0.00035 (J)
10/8/2018	
10/9/2018	
10/16/2018	
10/18/2018	<0.001
1/2/2019	<0.001
2/20/2019	0.00033 (J)
4/1/2019	
4/2/2019	<0.001
9/16/2019	
9/17/2019	0.00035 (J)
2/18/2020	
2/19/2020	
2/20/2020	0.00049 (J)
3/24/2020	
3/25/2020	
3/26/2020	0.00033 (J)
3/27/2020	
9/14/2020	
9/15/2020	0.0003 (J)
2/9/2021	
2/10/2021	0.00036 (J)
3/30/2021	0.00025 (J)
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	0.00035 (J)

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2021	
8/20/2021	
2/10/2022	<0.001
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	<0.001
8/31/2022	
2/22/2023	<0.001
2/23/2023	
8/2/2023	
8/7/2023	0.0002 (J)
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	<0.001
8/1/2024	
8/5/2024	<0.001
2/19/2025	
2/20/2025	
2/21/2025	<0.001
7/23/2025	
7/25/2025	0.00018 (J)
7/30/2025	
7/31/2025	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		0.000742 (J)	<0.001	<0.001	<0.001				
5/13/2016	<0.001								
6/29/2016	0.0002 (J)	0.0007 (J)	<0.001	<0.001	<0.001				
8/19/2016				<0.001	<0.001				
8/22/2016	<0.001	0.00074 (J)	<0.001						
10/18/2016	<0.001	0.00075 (J)	<0.001	<0.001	<0.001				
12/7/2016			<0.001	<0.001	<0.001				
12/8/2016	<0.001	0.00093 (J)							
2/15/2017					<0.001				
2/16/2017	<0.001	0.00091 (J)	<0.001	<0.001					
4/13/2017	<0.001	0.00065 (J)	<0.001	<0.001	<0.001				
6/28/2017	<0.001	0.00073 (J)	<0.001	<0.001	<0.001				
3/27/2018					<0.001				
3/28/2018	<0.001	0.00079 (J)	<0.001	<0.001					
6/7/2018		0.00086 (J)	<0.001	<0.001	<0.001				
6/8/2018	<0.001								
10/8/2018			<0.001	<0.001	<0.001				
10/9/2018	<0.001								
10/17/2018									<0.001
10/18/2018		0.00079 (J)						<0.001	
1/10/2019							<0.001		
2/19/2019				<0.001	<0.001				
2/20/2019	0.00016 (J)	0.00077 (J)	<0.001						
4/2/2019	<0.001	0.00043 (J)	<0.001	<0.001	<0.001				
9/17/2019	<0.001	0.00057 (J)	<0.001						
9/18/2019				<0.001	<0.001				
2/13/2020							<0.001		
2/18/2020		0.00052 (J)	<0.001	<0.001	<0.001				
2/19/2020	<0.001								
3/23/2020	<0.001	0.00077 (J)	<0.001						
3/24/2020				<0.001	<0.001				
9/15/2020	0.00018 (J)	0.00078 (J)	<0.001	0.00033 (J)	<0.001				
2/10/2021	0.00019 (J)	0.0009 (J)	<0.001	<0.001	<0.001				
3/30/2021	0.00018 (J)	0.00058 (J)	<0.001						
3/31/2021				<0.001	<0.001				
8/18/2021			<0.001	<0.001	<0.001				
8/19/2021	<0.001	0.00091 (J)							
2/8/2022						<0.001	<0.001		
2/9/2022								<0.001	<0.001
2/10/2022				<0.001	<0.001				
2/11/2022	<0.001	0.00074 (J)	<0.001						
8/22/2022	<0.001	0.00062 (J)	<0.001	<0.001	<0.001				
8/23/2022							<0.001		<0.001
8/24/2022						<0.001		<0.001	
2/22/2023	<0.001	0.00044 (J)							
2/23/2023			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/24/2023									<0.001
8/1/2023							<0.001	<0.001	
8/2/2023						<0.001			<0.001
8/7/2023	<0.001	0.00052 (J)		<0.001					
8/8/2023			<0.001		<0.001				
2/20/2024	<0.001								

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
2/21/2024				<0.001	<0.001	<0.001			
2/26/2024		0.001 (J)						<0.001	
2/27/2024			<0.001						<0.001
2/28/2024							<0.001		
8/1/2024	0.00022 (J)							<0.001	
8/2/2024		0.00087 (J)	<0.001	<0.001	<0.001				
8/5/2024						<0.001	<0.001		
8/6/2024									<0.001
2/19/2025						<0.001	<0.001		
2/20/2025		0.0011 (J)	<0.001	<0.001					
2/21/2025	<0.001				<0.001			<0.001	
2/24/2025									<0.001
7/24/2025	0.00018 (J)	0.00055 (J)							
7/28/2025			<0.001	<0.001	<0.001				
7/29/2025							<0.001	<0.001	<0.001
7/30/2025						<0.001			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
3/27/2018	
3/28/2018	
6/7/2018	
6/8/2018	
10/8/2018	
10/9/2018	
10/17/2018	
10/18/2018	<0.001
1/10/2019	
2/19/2019	
2/20/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
2/10/2021	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	<0.001
2/11/2022	
8/22/2022	
8/23/2022	<0.001
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	<0.001
8/1/2023	<0.001
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
2/21/2024	
2/26/2024	
2/27/2024	<0.001
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	<0.001
8/6/2024	
2/19/2025	
2/20/2025	<0.001
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	<0.001
7/30/2025	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				<0.001					
10/18/2018	<0.001	<0.001	<0.001						
1/3/2019									<0.001
1/8/2019								<0.001	
2/13/2020									<0.001
2/14/2020								<0.001	
2/19/2020	<0.001								
2/9/2022	<0.001	<0.001	<0.001	<0.001					
2/10/2022					<0.001				
8/22/2022		<0.001							
8/24/2022	<0.001		<0.001	<0.001	<0.001				
2/23/2023	<0.001	<0.001							
2/24/2023			<0.001		<0.001				
2/28/2023				<0.001					
8/2/2023	<0.001	<0.001	<0.001	<0.001	<0.001				
2/23/2024				<0.001	<0.001				
2/27/2024	<0.001	<0.001	<0.001						
8/1/2024				<0.001					
8/2/2024			<0.001		<0.001				
8/5/2024		<0.001							
8/6/2024	<0.001								
2/20/2025		<0.001							
2/21/2025	<0.001								
2/24/2025			<0.001	<0.001	<0.001				
7/29/2025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
10/8/2025								<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08		
5/11/2016				<0.08				<0.08	0.0359 (J)
6/23/2016	<0.08	<0.08			<0.08	<0.08			
6/24/2016			0.0109 (J)	0.0067 (J)					
6/27/2016							0.0052 (J)	0.0051 (J)	0.0354 (J)
8/16/2016	<0.08	<0.08	<0.08		<0.08	<0.08			
8/17/2016				<0.08			<0.08	<0.08	0.039 (J)
10/13/2016	<0.08					<0.08			
10/14/2016		<0.08	<0.08		<0.08		<0.08		
10/17/2016				<0.08				<0.08	
10/18/2016									0.039 (J)
12/5/2016						<0.08			
12/6/2016	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08	0.03 (J)
2/14/2017	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	0.031 (J)
4/10/2017						<0.08			
4/11/2017	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08		
4/12/2017								<0.08	0.039 (J)
6/26/2017	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08			
6/27/2017							<0.08	<0.08	0.028 (J)
10/10/2017	<0.08	<0.08				<0.08			
10/11/2017			<0.08	<0.08	<0.08		<0.08	<0.08	0.026 (J)
10/12/2017									
6/5/2018	<0.08	<0.08			<0.08	<0.08	<0.08		
6/6/2018			<0.08	<0.08				<0.08	<0.08
12/13/2018	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08		
12/14/2018								<0.08	<0.08
3/28/2019			<0.08	<0.08	<0.08		<0.08		
3/29/2019	<0.08	<0.08				<0.08			
4/1/2019									0.025 (J)
4/2/2019								<0.08	
9/12/2019					<0.08				
9/13/2019						<0.08			
9/16/2019	0.13	0.089	0.05	<0.08			<0.08	0.04 (J)	
9/17/2019									<0.08
3/17/2020		<0.08	<0.08		<0.08		<0.08		
3/18/2020	<0.08			<0.08		<0.08			
3/25/2020								<0.08	
3/26/2020									0.055 (J)
9/14/2020	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
3/30/2021	0.041 (J)	0.045 (J)				0.072 (J)			
3/31/2021			<0.08	<0.08	<0.08				
4/1/2021								<0.08	0.069 (J)
4/7/2021							<0.08		
8/17/2021	<0.08	<0.08		<0.08			<0.08		
8/18/2021			<0.08		<0.08	<0.08		<0.08	0.047 (J)
2/9/2022	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08
2/10/2022						<0.08			
8/17/2022	<0.08	<0.08							
8/18/2022			0.072 (J)	<0.08	<0.08	<0.08	<0.08		0.1
8/19/2022								<0.08	
2/21/2023	<0.08		<0.08		<0.08				
2/22/2023		<0.08		<0.08				<0.08	0.064 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/23/2023						0.18	0.1		
8/1/2023	0.029 (J)	0.044 (J)			0.057 (J)			0.037 (J)	
8/7/2023			<0.08	<0.08					
8/8/2023						<0.08	<0.08		<0.08
2/20/2024	<0.08	<0.08		<0.08				<0.08	
2/21/2024			<0.08		<0.08	<0.08			<0.08
2/27/2024							0.023 (J)		
7/31/2024	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08
8/1/2024								<0.08	
2/19/2025				0.032 (J)		<0.08	<0.08		<0.08
2/20/2025	0.033 (J)	0.032 (J)	0.068 (J)		0.023 (J)			0.069 (J)	
7/24/2025	<0.08	<0.08	<0.08	<0.08					
7/28/2025						<0.08			
7/29/2025								<0.08	
7/30/2025							<0.08		<0.08
7/31/2025					<0.08				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	0.0678 (J)
6/23/2016	
6/24/2016	
6/27/2016	0.0767 (J)
8/16/2016	
8/17/2016	0.067
10/13/2016	
10/14/2016	
10/17/2016	0.059
10/18/2016	
12/5/2016	
12/6/2016	0.054
2/14/2017	0.063
4/10/2017	
4/11/2017	
4/12/2017	0.068
6/26/2017	
6/27/2017	0.067
10/10/2017	
10/11/2017	
10/12/2017	0.075
6/5/2018	
6/6/2018	0.059
12/13/2018	
12/14/2018	0.064
3/28/2019	
3/29/2019	
4/1/2019	0.076
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	0.11
3/17/2020	
3/18/2020	
3/25/2020	0.089
3/26/2020	
9/14/2020	0.1
3/30/2021	
3/31/2021	
4/1/2021	0.14
4/7/2021	
8/17/2021	
8/18/2021	0.14
2/9/2022	
2/10/2022	0.16
8/17/2022	
8/18/2022	0.14
8/19/2022	
2/21/2023	
2/22/2023	0.11

Time Series

Constituent: Boron (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	0.046 (J)
2/20/2024	
2/21/2024	0.036 (J)
2/27/2024	
7/31/2024	
8/1/2024	<0.08
2/19/2025	0.042 (J)
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	<0.08
7/31/2025	

Time Series

Constituent: Boron (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	1.54	0.0275 (J)	0.242	<0.08					
5/12/2016					0.599	1.38	1.57	0.562	0.195
5/13/2016									
6/28/2016		0.035 (J)	0.245	0.0054 (J)	0.52	1.29	1.36	0.546	
6/29/2016	1.52								0.198
6/30/2016									
8/17/2016		0.028 (J)	0.26						
8/18/2016				<0.08	0.51	1.3	1.5	0.54	0.24
8/22/2016	1.6								
10/17/2016		0.032 (J)	0.25	<0.08	0.58	1.6			
10/18/2016	2.4						1.9	0.55	
10/19/2016									0.37
12/6/2016		<0.05	0.27	<0.08	0.5				
12/7/2016	1.6					1.5	1.5	0.56	0.4
2/15/2017		0.035 (J)	0.28	<0.08	0.5	1.5	1.5		0.38
2/16/2017	1.6							0.58	
4/12/2017		0.052	0.29	<0.08	0.47	1.4	1.7		
4/13/2017	1.7							0.56	0.34
6/27/2017	1.8	<0.05	0.29	<0.08	0.51	1.6	1.7	0.56	0.33
6/28/2017									
10/11/2017			0.31	<0.08	0.49	1.5			
10/12/2017	1.8	0.049 (J)					1.6	0.57	0.47
6/6/2018	1.8	0.07	0.37	<0.08					
6/7/2018					0.45	1.6	1.7	0.59	0.35
6/8/2018									
10/16/2018			0.35				1.5		
10/18/2018									
12/14/2018				<0.08	0.47	1.4			0.44
12/17/2018	1.6	0.098						0.55	
1/2/2019									
4/1/2019	1.7	0.16	0.46	<0.08	0.57	1.7	1.6		
4/2/2019								0.53	0.32
9/16/2019	1.6		0.39	<0.08					
9/17/2019		0.077			0.43	1.4	1.4	0.55	0.43
3/24/2020									0.37
3/25/2020	1.6	0.12	0.45						
3/26/2020				<0.08					
3/27/2020					0.49	1.5	1.4	0.59	
9/14/2020	1.7	0.082	0.43	<0.08	0.49				
9/15/2020						1.5	1.4	0.57	0.38
3/30/2021									
3/31/2021	1.5	0.15					1.4		
4/1/2021								0.55	0.31
4/6/2021						1.6			
4/7/2021			0.68	<0.08	0.59				
8/18/2021									0.32
8/19/2021	1.5	0.091	0.54		0.59	1.7	1.6	0.72	
8/20/2021				0.043 (J)					
2/10/2022	1.3		0.53	<0.08				0.63	
2/11/2022		0.09			0.48		1.2		0.27
2/14/2022						1.5			
8/18/2022	1.4		0.57	0.061 (J)	0.55				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2022		0.083				1.4	1.3		
8/23/2022									
8/31/2022								0.67	0.31
2/22/2023	1.6	0.28	0.75						0.34
2/23/2023				0.079 (J)	0.69	1.7	2.2	0.87	
8/2/2023			0.57		0.64				
8/7/2023	1.6	0.19		0.024 (J)			1.4		0.3
8/8/2023						1.6		0.73	
2/21/2024	1.6								
2/23/2024		0.24	0.75	0.043 (J)	0.76				
2/26/2024							1.3	0.78	0.33
2/27/2024						1.6			
8/1/2024	1.8		0.69	<0.08	0.86	1.6	1.6	0.9	
8/5/2024		0.28							0.34
2/19/2025	1.4	0.31		0.039 (J)	0.96	1.6		0.88	0.39
2/20/2025			0.87				1.3		
2/21/2025									
7/23/2025								0.83	0.39
7/25/2025									
7/30/2025	1.3	0.36			1		1.3		
7/31/2025			0.86	<0.08		1.4			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	3.71
6/28/2016	
6/29/2016	
6/30/2016	3.8
8/17/2016	
8/18/2016	
8/22/2016	3.3
10/17/2016	
10/18/2016	
10/19/2016	4.5
12/6/2016	
12/7/2016	4.8
2/15/2017	
2/16/2017	3.9
4/12/2017	
4/13/2017	3.8
6/27/2017	
6/28/2017	3.6
10/11/2017	
10/12/2017	3.9
6/6/2018	
6/7/2018	
6/8/2018	4.3
10/16/2018	
10/18/2018	4.9
12/14/2018	
12/17/2018	
1/2/2019	4.1
4/1/2019	
4/2/2019	5.3
9/16/2019	
9/17/2019	5
3/24/2020	
3/25/2020	
3/26/2020	6
3/27/2020	
9/14/2020	
9/15/2020	6.2
3/30/2021	6.4
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	6.6
8/19/2021	
8/20/2021	
2/10/2022	6.4
2/11/2022	
2/14/2022	
8/18/2022	

Time Series

Constituent: Boron (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2022	
8/23/2022	6.8
8/31/2022	
2/22/2023	8.1
2/23/2023	
8/2/2023	
8/7/2023	6.6
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	6.3
8/1/2024	
8/5/2024	5.9
2/19/2025	
2/20/2025	
2/21/2025	5.5
7/23/2025	
7/25/2025	5.1
7/30/2025	
7/31/2025	

Time Series

Constituent: Boron (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		1.99	1.4	0.411	0.691				
5/13/2016	1.87								
6/29/2016	1.67	1.88	1.25	0.373	0.557				
8/19/2016				0.37	0.58				
8/22/2016	1.7	2	1.3						
10/18/2016	2.1	2.5	1.7	0.41	0.68				
12/7/2016			1.3	0.36	0.6				
12/8/2016	1.7	1.9							
2/15/2017					0.82				
2/16/2017	2.3	2.3	1.4	0.38					
4/13/2017	1.9	2	1.4	0.4	0.54				
6/28/2017	1.9	2.3	1.4	0.35	0.59				
10/12/2017	1.9	2.6	1.4	0.4	0.54				
6/7/2018		2.1	1.4	0.41	0.71				
6/8/2018	1.8								
10/17/2018									<0.08
10/18/2018		2.3						0.067	
12/17/2018	1.8		1.2	0.4	0.6				
1/10/2019							<0.08		
4/2/2019	2	2	1.2	0.44	0.52				
9/17/2019	1.8	1.8	1.1						
9/18/2019				0.52	0.54				
2/13/2020							<0.08		
3/23/2020	1.7	1.9	0.83						
3/24/2020				0.34	0.55				
9/15/2020	1.9	1.8	1.2	0.5	0.38				
3/30/2021	1.9	1.6	1.1						
3/31/2021				0.47	0.51				
8/18/2021			1.1	0.44	0.42				
8/19/2021	2.1	1.9							
2/8/2022						<0.08	<0.08		
2/9/2022								0.16	<0.08
2/10/2022				0.54	0.45				
2/11/2022	1.7	1.5	1						
8/22/2022	1.7	1.6	1.2	0.57	0.46				
8/23/2022							<0.08		<0.08
8/24/2022						<0.08		0.2	
2/22/2023	2	1.7							
2/23/2023			1.3	0.63	0.81	<0.08	<0.08	0.2	
2/24/2023									0.51
8/1/2023							0.031 (J)	0.2	
8/2/2023						<0.08			<0.08
8/7/2023	1.9	1.8		0.52					
8/8/2023			1.2		0.41				
2/20/2024	2								
2/21/2024				0.45	0.47	<0.08			
2/26/2024		1.7						0.19	
2/27/2024			1.2						<0.08
2/28/2024							0.075 (J)		
8/1/2024	2.3							0.19	
8/2/2024		1.8	1.3	0.52	0.4				
8/5/2024						0.039 (J)	0.051 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
8/6/2024									<0.08
2/19/2025						<0.08	0.05 (J)		
2/20/2025		1.9	1.3	0.52					
2/21/2025	2				0.35			0.18	
2/24/2025									<0.08
7/24/2025	1.9	1.5							
7/28/2025			1.3	0.41	0.28				
7/29/2025							<0.08	0.13	<0.08
7/30/2025						<0.08			

Time Series

Constituent: Boron (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
10/12/2017	
6/7/2018	
6/8/2018	
10/17/2018	
10/18/2018	3.8
12/17/2018	
1/10/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
3/23/2020	
3/24/2020	
9/15/2020	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	4.1
2/11/2022	
8/22/2022	
8/23/2022	4.8
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	4.2
8/1/2023	4.9
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	
2/21/2024	
2/26/2024	
2/27/2024	4.3
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	4.2

Time Series

Constituent: Boron (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
8/6/2024	
2/19/2025	
2/20/2025	4.6
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	4.7
7/30/2025	

Time Series

Constituent: Boron (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				<0.08					
10/18/2018	3.5	2.6	0.82						
1/3/2019									<0.05
1/8/2019								<0.08	
2/13/2020	3.4								0.062 (J)
2/14/2020								<0.08	
2/19/2020	3.2								
4/5/2021	3.2								
8/19/2021	2.2								
2/9/2022	3.2	2.7	0.9	<0.08					
2/10/2022					0.44				
8/22/2022		2.7							
8/24/2022	3.2		1.1	0.083	0.43				
2/23/2023	3.8	3							
2/24/2023			1.1		0.76				
2/28/2023				<0.08					
8/2/2023	3.5	2.9	1	0.037 (J)	0.47				
2/23/2024				<0.08	0.49				
2/27/2024	3.7	3	1.1						
8/1/2024				0.026 (J)					
8/2/2024			1.1		0.48				
8/5/2024		3.3							
8/6/2024	3.7								
2/20/2025		2.3							
2/21/2025	3.8								
2/24/2025			1.1	0.053 (J)	0.4				
7/29/2025	4.1	3.2	0.86	<0.08	0.35	0.62	1.5		
10/8/2025								0.058 (J)	0.043 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	0.000156 (J)	<0.0007	<0.0007		<0.0007	<0.0007	<0.0007		
5/11/2016				<0.0007				<0.0007	<0.0007
6/23/2016	<0.0007	<0.0007			<0.0007	<0.0007			
6/24/2016			<0.0007	<0.0007					
6/27/2016							<0.0007	<0.0007	<0.0007
8/16/2016	<0.0007	<0.0007	<0.0007		<0.0007	<0.0007			
8/17/2016				<0.0007			<0.0007	<0.0007	<0.0007
10/13/2016	<0.0007					<0.0007			
10/14/2016		<0.0007	<0.0007		<0.0007		<0.0007		
10/17/2016				<0.0007				<0.0007	
10/18/2016									<0.0007
12/5/2016						<0.0007			
12/6/2016	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007	<0.0007	<0.0007
2/14/2017	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
4/10/2017						<0.0007			
4/11/2017	<0.0007	<0.0007	<0.0007	<0.0007	0.0011 (J)		<0.0007		
4/12/2017								<0.0007	<0.0007
6/26/2017	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007			
6/27/2017							<0.0007	<0.0007	<0.0007
3/26/2018	<0.0007	<0.0007	<0.0007			<0.0007			
3/27/2018				<0.0007	<0.0007		<0.0007	<0.0007	<0.0007
10/5/2018	<0.0007	<0.0007	<0.0007			<0.0007			
10/8/2018				<0.0007	<0.0007		<0.0007	<0.0007	
10/9/2018									<0.0007
2/18/2019	<0.0007	<0.0007		<0.0007					
2/19/2019			<0.0007		<0.0007	<0.0007	<0.0007		
2/20/2019								<0.0007	<0.0007
3/28/2019			<0.0007	<0.0007	<0.0007		<0.0007		
3/29/2019	<0.0007	<0.0007				<0.0007			
4/1/2019									<0.0007
4/2/2019								<0.0007	
9/12/2019					<0.0007				
9/13/2019						<0.0007			
9/16/2019	<0.0007	<0.0007	<0.0007	<0.0007			<0.0007	<0.0007	
9/17/2019									<0.0007
2/13/2020	<0.0007	<0.0007				<0.0007			
2/17/2020					<0.0007		<0.0007		
2/18/2020			<0.0007	<0.0007				<0.0007	<0.0007
3/17/2020		<0.0007	<0.0007		<0.0007		<0.0007		
3/18/2020	<0.0007			<0.0007		<0.0007			
3/25/2020								0.00022 (J)	
3/26/2020									<0.0007
9/14/2020	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
2/9/2021	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
3/30/2021	<0.0007	<0.0007				<0.0007			
3/31/2021			<0.0007	<0.0007	<0.0007				
4/1/2021								<0.0007	<0.0007
4/7/2021							<0.0007		
8/17/2021	<0.0007	<0.0007		<0.0007			<0.0007		
8/18/2021			<0.0007		<0.0007	<0.0007		<0.0007	<0.0007
2/9/2022	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007	<0.0007	<0.0007
2/10/2022						<0.0007			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/17/2022	<0.0007	<0.0007							
8/18/2022			<0.0007	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007
8/19/2022								<0.0007	
2/21/2023	<0.0007		<0.0007		<0.0007				
2/22/2023		<0.0007		<0.0007				<0.0007	<0.0007
2/23/2023						<0.0007	<0.0007		
8/1/2023	<0.0007	<0.0007			<0.0007			<0.0007	
8/7/2023			<0.0007	<0.0007					
8/8/2023						<0.0007	<0.0007		<0.0007
2/20/2024	<0.0007	<0.0007		<0.0007				<0.0007	
2/21/2024			<0.0007		<0.0007	<0.0007			<0.0007
2/27/2024							<0.0007		
7/31/2024	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007
8/1/2024								<0.0007	
2/19/2025				<0.0007		<0.0007	<0.0007		<0.0007
2/20/2025	<0.0007	<0.0007	<0.0007		<0.0007			<0.0007	
7/24/2025	<0.0007	<0.0007	<0.0007	<0.0007					
7/28/2025						<0.0007			
7/29/2025								<0.0007	
7/30/2025							<0.0007		<0.0007
7/31/2025					<0.0007				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	<0.0007
6/23/2016	
6/24/2016	
6/27/2016	<0.0007
8/16/2016	
8/17/2016	<0.0007
10/13/2016	
10/14/2016	
10/17/2016	<0.0007
10/18/2016	
12/5/2016	
12/6/2016	<0.0007
2/14/2017	<0.0007
4/10/2017	
4/11/2017	
4/12/2017	<0.0007
6/26/2017	
6/27/2017	<0.0007
3/26/2018	
3/27/2018	<0.0007
10/5/2018	
10/8/2018	
10/9/2018	<0.0007
2/18/2019	
2/19/2019	
2/20/2019	<0.0007
3/28/2019	
3/29/2019	
4/1/2019	<0.0007
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	<0.0007
2/13/2020	
2/17/2020	
2/18/2020	<0.0007
3/17/2020	
3/18/2020	
3/25/2020	0.00031 (J)
3/26/2020	
9/14/2020	<0.0007
2/9/2021	<0.0007
3/30/2021	
3/31/2021	
4/1/2021	<0.0007
4/7/2021	
8/17/2021	
8/18/2021	<0.0007
2/9/2022	
2/10/2022	<0.0007

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
8/17/2022	
8/18/2022	<0.0007
8/19/2022	
2/21/2023	
2/22/2023	<0.0007
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	<0.0007
2/20/2024	
2/21/2024	<0.0007
2/27/2024	
7/31/2024	
8/1/2024	<0.0007
2/19/2025	<0.0007
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	<0.0007
7/31/2025	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	<0.0007	<0.0007	<0.0007	<0.0007					
5/12/2016					<0.0007	0.000136 (J)	0.000265 (J)	<0.0025	<0.0007
5/13/2016									
6/28/2016		<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	0.0003 (J)	<0.0025	
6/29/2016	<0.0007								<0.0007
6/30/2016									
8/17/2016		<0.0007	<0.0007						
8/18/2016				<0.0007	<0.0007	<0.0007	<0.0025	<0.0025	<0.0007
8/22/2016	<0.0007								
10/17/2016		<0.0007	<0.0007	<0.0007	<0.0007	<0.0007			
10/18/2016	<0.0007						<0.0025	<0.0025	
10/19/2016									<0.0007
12/6/2016		<0.0007	<0.0007	<0.0007	<0.0007				
12/7/2016	<0.0007					<0.0007	<0.0025	<0.0025	<0.0007
2/15/2017		<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	0.00044 (J)		<0.0007
2/16/2017	<0.0007							<0.0025	
4/12/2017		<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0025		
4/13/2017	<0.0007							<0.0025	<0.0007
6/27/2017	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0025	<0.0025	<0.0007
6/28/2017									
3/27/2018		<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0025	<0.0025	<0.0007
3/28/2018	<0.0007								
10/8/2018				<0.0007	<0.0007	<0.0007		<0.0025	<0.0007
10/9/2018	<0.0007	<0.0007							
10/16/2018			<0.0007				<0.0025		
10/18/2018									
2/20/2019	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	0.00033 (J)	<0.0025	<0.0007
4/1/2019	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0025		
4/2/2019								<0.0025	<0.0007
9/16/2019	<0.0007		<0.0007	<0.0007					
9/17/2019		<0.0007			<0.0007	<0.0007	0.00034 (J)	<0.0025	<0.0007
2/18/2020			<0.0007						
2/19/2020	<0.0007	<0.0007		<0.0007	<0.0007	<0.0007	0.0003 (J)	<0.0025	<0.0007
2/20/2020									
3/24/2020									<0.0007
3/25/2020	<0.0007	<0.0007	<0.0007						
3/26/2020				<0.0007					
3/27/2020					<0.0007	0.00057 (J)	0.00042 (J)	<0.0025	
9/14/2020	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007				
9/15/2020						<0.0007	0.00032 (J)	<0.0025	<0.0007
2/9/2021	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	0.0003 (J)	<0.0025	
2/10/2021									<0.0007
3/30/2021									
3/31/2021	<0.0007	<0.0007					0.00027 (J)		
4/1/2021								<0.0025	<0.0007
4/6/2021						<0.0007			
4/7/2021			<0.0007	<0.0007	<0.0007				
8/18/2021									<0.0007
8/19/2021	<0.0007	<0.0007	0.00022 (J)		<0.0007	<0.0007	0.00026 (J)	<0.0025	
8/20/2021				<0.0007					
2/10/2022	<0.0007		<0.0007	<0.0007				<0.0025	
2/11/2022		<0.0007			<0.0007		0.00024 (J)		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
2/14/2022						<0.0007			
8/18/2022	<0.0007		<0.0007	<0.0007	<0.0007				
8/19/2022		<0.0007				<0.0007	0.00024 (J)		
8/23/2022									
8/31/2022								<0.0025	<0.0007
2/22/2023	<0.0007	<0.0007	<0.0007						<0.0007
2/23/2023				<0.0007	<0.0007	<0.0007	0.00023 (J)	<0.0025	
8/2/2023			<0.0007		<0.0007				
8/7/2023	<0.0007	<0.0007		<0.0007			0.00046 (J)		<0.0007
8/8/2023						0.00011 (J)		<0.0025	
2/21/2024	<0.0007								
2/23/2024		<0.0007	<0.0007	<0.0007	<0.0007				
2/26/2024							0.00047 (J)	<0.0025	<0.0007
2/27/2024						<0.0007			
8/1/2024	<0.0007		<0.0007	<0.0007	<0.0007	8E-05 (J)	0.00033 (J)	<0.0025	
8/5/2024		<0.0007							<0.0007
2/19/2025	<0.0007	<0.0007		<0.0007	<0.0007	0.00011 (J)		<0.0025	<0.0007
2/20/2025			<0.0007				0.00024 (J)		
2/21/2025									
7/23/2025								0.00042 (J)	<0.0007
7/25/2025									
7/30/2025	<0.0007	<0.0007			<0.0007		0.0004 (J)		
7/31/2025			<0.0007	<0.0007		<0.0007			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	0.00016 (J)
6/28/2016	
6/29/2016	
6/30/2016	0.0002 (J)
8/17/2016	
8/18/2016	
8/22/2016	<0.0025
10/17/2016	
10/18/2016	
10/19/2016	<0.0025
12/6/2016	
12/7/2016	<0.0025
2/15/2017	
2/16/2017	<0.0025
4/12/2017	
4/13/2017	<0.0025
6/27/2017	
6/28/2017	<0.0025
3/27/2018	
3/28/2018	<0.0025
10/8/2018	
10/9/2018	
10/16/2018	
10/18/2018	<0.0025
2/20/2019	0.00023 (J)
4/1/2019	
4/2/2019	<0.0025
9/16/2019	
9/17/2019	0.00018 (J)
2/18/2020	
2/19/2020	
2/20/2020	0.00032 (J)
3/24/2020	
3/25/2020	
3/26/2020	<0.0025
3/27/2020	
9/14/2020	
9/15/2020	<0.0025
2/9/2021	
2/10/2021	0.00035 (J)
3/30/2021	<0.0025
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	<0.0025
8/19/2021	
8/20/2021	
2/10/2022	<0.0025
2/11/2022	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	<0.0025
8/31/2022	
2/22/2023	<0.0025
2/23/2023	
8/2/2023	
8/7/2023	0.00024 (J)
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	0.00032 (J)
8/1/2024	
8/5/2024	0.00013 (J)
2/19/2025	
2/20/2025	
2/21/2025	<0.0025
7/23/2025	
7/25/2025	0.00072
7/30/2025	
7/31/2025	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		0.000108 (J)	<0.0007	<0.0007	<0.0007				
5/13/2016	<0.0007								
6/29/2016	<0.0007	0.0001 (J)	<0.0007	<0.0007	<0.0007				
8/19/2016				<0.0007	<0.0007				
8/22/2016	<0.0007	<0.0007	<0.0007						
10/18/2016	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007				
12/7/2016			<0.0007	<0.0007	<0.0007				
12/8/2016	<0.0007	<0.0007							
2/15/2017					<0.0007				
2/16/2017	0.00036 (J)	<0.0007	0.00039 (J)	<0.0007					
4/13/2017	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007				
6/28/2017	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007				
3/27/2018					<0.0007				
3/28/2018	<0.0007	<0.0007	<0.0007	<0.0007					
10/8/2018			<0.0007	<0.0007	<0.0007				
10/9/2018	<0.0007								
10/18/2018		<0.0007							
1/10/2019							<0.0007		
2/19/2019				<0.0007	<0.0007				
2/20/2019	<0.0007	<0.0007	<0.0007						
4/2/2019	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007				
9/17/2019	<0.0007	<0.0007	<0.0007						
9/18/2019				<0.0007	<0.0007				
2/13/2020							<0.0007		
2/18/2020		<0.0007	<0.0007	<0.0007	<0.0007				
2/19/2020	<0.0007								
3/23/2020	<0.0007	<0.0007	<0.0007						
3/24/2020				<0.0007	<0.0007				
9/15/2020	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007				
2/10/2021	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007				
3/30/2021	<0.0007	<0.0007	<0.0007						
3/31/2021				<0.0007	<0.0007				
8/18/2021			<0.0007	<0.0007	<0.0007				
8/19/2021	<0.0007	<0.0007							
2/8/2022						<0.0007	<0.0007		
2/9/2022								<0.0007	<0.0007
2/10/2022				<0.0007	<0.0007				
2/11/2022	<0.0007	<0.0007	<0.0007						
8/22/2022	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007				
8/23/2022							<0.0007		<0.0007
8/24/2022						<0.0007		<0.0007	
2/22/2023	<0.0007	<0.0007							
2/23/2023			<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	
2/24/2023									<0.0007
8/1/2023							<0.0007	<0.0007	
8/2/2023						<0.0007			<0.0007
8/7/2023	0.0001 (J)	0.00013 (J)		<0.0007					
8/8/2023			<0.0007		<0.0007				
2/20/2024	<0.0007								
2/21/2024				<0.0007	<0.0007	<0.0007			
2/26/2024		0.00015 (J)						<0.0007	
2/27/2024			<0.0007						<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
2/28/2024							<0.0007		
8/1/2024	<0.0007							<0.0007	
8/2/2024		<0.0007	<0.0007	<0.0007	<0.0007				
8/5/2024						<0.0007	<0.0007		
8/6/2024									<0.0007
2/19/2025						<0.0007	<0.0007		
2/20/2025		9E-05 (J)	<0.0007	<0.0007					
2/21/2025	<0.0007				<0.0007			<0.0007	
2/24/2025									<0.0007
7/24/2025	<0.0007	<0.0007							
7/28/2025			<0.0007	<0.0007	<0.0007				
7/29/2025							<0.0007	<0.0007	<0.0007
7/30/2025						<0.0007			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
3/27/2018	
3/28/2018	
10/8/2018	
10/9/2018	
10/18/2018	
1/10/2019	
2/19/2019	
2/20/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
2/10/2021	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	<0.0007
2/11/2022	
8/22/2022	
8/23/2022	<0.0007
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	<0.0007
8/1/2023	<0.0007
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	
2/21/2024	
2/26/2024	
2/27/2024	<0.0007

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	<0.0007
8/6/2024	
2/19/2025	
2/20/2025	<0.0007
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	<0.0007
7/30/2025	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
1/3/2019									<0.0007
1/8/2019								<0.0007	
2/13/2020									<0.0007
2/14/2020								<0.0007	
2/19/2020	<0.0007								
2/9/2022	<0.0007	<0.0007	<0.0007	<0.0007					
2/10/2022					<0.0007				
8/22/2022		<0.0007							
8/24/2022	<0.0007		<0.0007	<0.0007	<0.0007				
2/23/2023	<0.0007	<0.0007							
2/24/2023			<0.0007		<0.0007				
2/28/2023				<0.0007					
8/2/2023	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007				
2/23/2024				<0.0007	<0.0007				
2/27/2024	<0.0007	<0.0007	<0.0007						
8/1/2024				<0.0007					
8/2/2024			<0.0007		<0.0007				
8/5/2024		<0.0007							
8/6/2024	<0.0007								
2/20/2025		<0.0007							
2/21/2025	<0.0007								
2/24/2025			<0.0007	<0.0007	<0.0007				
7/29/2025	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007		
10/8/2025								<0.0007	<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	3	10.1	6.22		2.64	12.3	11.4		
5/11/2016				14.4				8.7	27.2
6/23/2016	2.42	8.45			1.65	11.3			
6/24/2016			5.55	14.2					
6/27/2016							9.16	7.48	27.9
8/16/2016	2.1	9.4	5		1.3	11			
8/17/2016				15			9.6	8	23
10/13/2016	2.7					12			
10/14/2016		10	5.4		1.4		11		
10/17/2016				16				8.6	
10/18/2016									24
12/5/2016						12			
12/6/2016	2.1	10	4.8	15	1.4		11	8.2	23
2/14/2017	1.8	11	4.6	17	1.4	13	12	7.2	24
4/10/2017						12			
4/11/2017	1.8	10	5	17	1.4		11		
4/12/2017								6.7	25
6/26/2017	1.7	10	4.9	18	1.5	13			
6/27/2017							9.5	6.2	23
10/10/2017	2.3	11				14			
10/11/2017			5.5	19	1.6		11	6.5	22
10/12/2017									
6/5/2018	2.6	11			1.5	13	9.7		
6/6/2018			4.1	18				4.2	19
12/13/2018	1.7	10	4.3	18	1.4	12	9.4		
12/14/2018								6.5	16
3/28/2019			4.8	17	1.4		8.7		
3/29/2019	2	11				12			
4/1/2019									18
4/2/2019								6.7	
9/12/2019					1.6				
9/13/2019						14			
9/16/2019	1.7	12	5.9	18			9.5	8.9	
9/17/2019									16
3/17/2020		11	5.3		1.7		8.8		
3/18/2020	1.8			18		14			
3/25/2020								11	
3/26/2020									21
9/14/2020	1.6	11	5.7	17	1.6	14	9.1	10	20
3/30/2021	2.2	12				15			
3/31/2021			5.5	17	1.6				
4/1/2021								11	22
4/7/2021							9.5		
8/17/2021	1.8	12		18			9.6		
8/18/2021			5.9		1.7	14		11	22
2/9/2022	1.8	11	6	18	1.8		9.3	11	16
2/10/2022						15			
8/17/2022	1.9	11							
8/18/2022			5.9	20	1.7	16	9.1		15
8/19/2022								12	
2/21/2023	2.2		6.4		1.8				
2/22/2023		11		20				10	15

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/23/2023						17	9.6		
8/1/2023	2.3	12			2.1			11	
8/7/2023			6.1	21					
8/8/2023						16	8.9		16
2/20/2024	1.7	13		23				11	
2/21/2024			5.7		1.5	16			14
2/27/2024							11		
7/31/2024	2.2	12	6.9	21	2.2	20	9.7		18
8/1/2024								14	
2/19/2025				21		18	11		17
2/20/2025	2.1	12	6.4		1.8			13	
7/24/2025	2.4	12	5.9	20					
7/28/2025						18			
7/29/2025								14	
7/30/2025							9.6		17
7/31/2025					1.7				

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	47.6
6/23/2016	
6/24/2016	
6/27/2016	47
8/16/2016	
8/17/2016	45
10/13/2016	
10/14/2016	
10/17/2016	47
10/18/2016	
12/5/2016	
12/6/2016	45
2/14/2017	49
4/10/2017	
4/11/2017	
4/12/2017	50
6/26/2017	
6/27/2017	50
10/10/2017	
10/11/2017	
10/12/2017	51
6/5/2018	
6/6/2018	51
12/13/2018	
12/14/2018	46
3/28/2019	
3/29/2019	
4/1/2019	45
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	52
3/17/2020	
3/18/2020	
3/25/2020	48
3/26/2020	
9/14/2020	49
3/30/2021	
3/31/2021	
4/1/2021	52
4/7/2021	
8/17/2021	
8/18/2021	49
2/9/2022	
2/10/2022	53
8/17/2022	
8/18/2022	50
8/19/2022	
2/21/2023	
2/22/2023	41

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	43
2/20/2024	
2/21/2024	38
2/27/2024	
7/31/2024	
8/1/2024	41
2/19/2025	39
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	37
7/31/2025	

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	53.1	4.14	2.91	23.1					
5/12/2016					16.6	37.7	14.5	0.75	34.8
5/13/2016									
6/28/2016		3.13	2.19	21	14.4	35.8	14.7	0.768	
6/29/2016	52.6								33.1
6/30/2016									
8/17/2016		4.1	1.9						
8/18/2016				20	15	37	15	0.7	35
8/22/2016	57								
10/17/2016		4.2	2	21	15	37			
10/18/2016	53						16	0.75	
10/19/2016									39
12/6/2016		4.3	1.9	21	14				
12/7/2016	47					38	15	0.73	39
2/15/2017		1.5	1.9	23	17	45	17		44
2/16/2017	55							0.81	
4/12/2017		2.2	1.9	23	16	39	14		
4/13/2017	56							0.88	45
6/27/2017	53	3.1	1.9	22	15	38	16	0.76	42
6/28/2017									
10/11/2017			2	23	16	44			
10/12/2017	55	1.2					17	1.1	48
6/6/2018	54	1.2	1.8	22					
6/7/2018					15	44	16	0.84	49
6/8/2018									
10/16/2018			1.8				16		
10/18/2018									
12/14/2018				21	16	37			46
12/17/2018	55	4						0.94	
1/2/2019									
4/1/2019	50	4.2	1.7	20	17	39	16		
4/2/2019								0.92	46
9/16/2019	56		1.9	23					
9/17/2019		0.79			17	38	17	1	51
3/24/2020									58
3/25/2020	55	2.9	2						
3/26/2020				22					
3/27/2020					18	41	17	1.5	
9/14/2020	45	0.75	1.8	22	19				
9/15/2020						40	17	1.1	54
3/30/2021									
3/31/2021	47	2.3					17		
4/1/2021								1.2	57
4/6/2021						42			
4/7/2021			1.9	23	19				
8/18/2021									55
8/19/2021	34	0.67	1.9		20	40	17	1.1	
8/20/2021				23					
2/10/2022	37		1.9	23				1.2	
2/11/2022		0.55			19		16		58
2/14/2022						41			
8/18/2022	44		1.8	22	21				

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2022		0.78				39	17		
8/23/2022									
8/31/2022								1.2	58
2/22/2023	36	2.2	1.7						56
2/23/2023				21	20	37	14	1.3	
8/2/2023			1.8		22				
8/7/2023	40	1		22			17		62
8/8/2023						39		1.5	
2/21/2024	36								
2/23/2024		0.98	2	24	25				
2/26/2024							18	1.7	68
2/27/2024						45			
8/1/2024	40		1.9	25	28	38	19	1.9	
8/5/2024		2.7							62
2/19/2025	29	4.3		25	31	37		1.9	79
2/20/2025			3.3				16		
2/21/2025									
7/23/2025								1.9	77
7/25/2025									
7/30/2025	42	7.9			34		16		
7/31/2025			3.1	25		29			

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	56.9
6/28/2016	
6/29/2016	
6/30/2016	46.4
8/17/2016	
8/18/2016	
8/22/2016	48
10/17/2016	
10/18/2016	
10/19/2016	51
12/6/2016	
12/7/2016	50
2/15/2017	
2/16/2017	51
4/12/2017	
4/13/2017	35
6/27/2017	
6/28/2017	36
10/11/2017	
10/12/2017	43
6/6/2018	
6/7/2018	
6/8/2018	90
10/16/2018	
10/18/2018	100
12/14/2018	
12/17/2018	
1/2/2019	98
4/1/2019	
4/2/2019	89
9/16/2019	
9/17/2019	87
3/24/2020	
3/25/2020	
3/26/2020	81
3/27/2020	
9/14/2020	
9/15/2020	74
3/30/2021	68
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	55
8/19/2021	
8/20/2021	
2/10/2022	55
2/11/2022	
2/14/2022	
8/18/2022	

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2022	
8/23/2022	52
8/31/2022	
2/22/2023	41
2/23/2023	
8/2/2023	
8/7/2023	39
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	41
8/1/2024	
8/5/2024	40
2/19/2025	
2/20/2025	
2/21/2025	37
7/23/2025	
7/25/2025	34
7/30/2025	
7/31/2025	

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		13.2	28.7	21.9	27.6				
5/13/2016	35.3								
6/29/2016	34.6	15.8	27.9	21.8	25.6				
8/19/2016				22	29				
8/22/2016	38	15	30						
10/18/2016	36	14	30	23	32				
12/7/2016			29	23	30				
12/8/2016	36	11							
2/15/2017					32				
2/16/2017	41	14	31	27					
4/13/2017	39	17	32	27	31				
6/28/2017	36	15	29	25	27				
10/12/2017	39	17	31	27	31				
6/7/2018		11	29	26	25				
6/8/2018	37								
10/17/2018									22
10/18/2018		12						33	
12/17/2018	42		29	28	24				
1/10/2019							4.3		
4/2/2019	38	14	27	26	23				
9/17/2019	44	14	30						
9/18/2019				27	26				
2/13/2020							3		
3/23/2020	46	13	36						
3/24/2020				31	22				
9/15/2020	47	14	38	28	21				
3/30/2021	50	14	41						
3/31/2021				30	24				
8/18/2021			39	30	21				
8/19/2021	45	12							
2/8/2022						4.7	4		
2/9/2022								35	22
2/10/2022				27	23				
2/11/2022	46	13	36						
8/22/2022	42	13	36	28	22				
8/23/2022							4.6		24
8/24/2022						5		35	
2/22/2023	38	14							
2/23/2023			34	34	22	4.2	4.6	38	
2/24/2023									26
8/1/2023							4.3	35	
8/2/2023						4.9			24
8/7/2023	41	16		30					
8/8/2023			39		20				
2/20/2024	42								
2/21/2024				28	20	4.3			
2/26/2024		18						38	
2/27/2024			41						23
2/28/2024							4.6		
8/1/2024	48							37	
8/2/2024		19	44	31	20				
8/5/2024						4.1	4.3		

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
8/6/2024									21
2/19/2025						5.8	5.2		
2/20/2025		22	42	25					
2/21/2025	43				19			34	
2/24/2025									24
7/24/2025	39	19							
7/28/2025			45	23	17				
7/29/2025							4.9	33	23
7/30/2025						7			

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
10/12/2017	
6/7/2018	
6/8/2018	
10/17/2018	
10/18/2018	120
12/17/2018	
1/10/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
3/23/2020	
3/24/2020	
9/15/2020	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	150
2/11/2022	
8/22/2022	
8/23/2022	150
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	150
8/1/2023	150
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	
2/21/2024	
2/26/2024	
2/27/2024	150
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	130

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
8/6/2024	
2/19/2025	
2/20/2025	140
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	130
7/30/2025	

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				21					
10/18/2018	120	64	44						
1/3/2019									20
1/8/2019								18	
2/13/2020									23
2/14/2020								20	
2/19/2020	120								
2/9/2022	120	68	54	20					
2/10/2022					46				
8/22/2022		64							
8/24/2022	120		54	21	47				
2/23/2023	140	70							
2/24/2023			61		48				
2/28/2023				21					
8/2/2023	130	66	50	20	46				
2/23/2024				22	47				
2/27/2024	150	69	58						
8/1/2024				24					
8/2/2024			58		48				
8/5/2024		70							
8/6/2024	150								
2/20/2025		77							
2/21/2025	170								
2/24/2025			54	25	49				
7/29/2025	180	66	66	24	45	39	27		
10/8/2025								28	21

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	1.9	1.51	3.45		1.98	1.94	2.77		
5/11/2016				1.93				2.44	9.65
6/23/2016	2.2	1.8			2.1	2.2			
6/24/2016			3.5	1.8					
6/27/2016							2.9	2.5	6.7
8/16/2016	2.1	1.5	3.4		1.8	2			
8/17/2016				1.4			2.4	2.4	6.4
10/13/2016	2					1.9			
10/14/2016		1.4	3.1		1.8		2.1		
10/17/2016				1.2				2.3	
10/18/2016									5.9
12/5/2016						1.9			
12/6/2016	2.2	1.5	3	1.3	1.8		1.7	2.3	5.9
2/14/2017	2	1.5	2.4	1.3	1.8	1.9	1.5	1.9	5.8
4/10/2017						1.8			
4/11/2017	1.8	1.3	2.5	1.2	1.7		1.7		
4/12/2017								1.6	5.6
6/26/2017	1.9	1.4	2.6	1.2	1.7	1.9			
6/27/2017							2.2	1.6	5.7
10/10/2017	1.8	1.3				1.8			
10/11/2017			2.4	1.1	1.6		1.7	1.6	5
10/12/2017									
6/5/2018	1.7	1.3			1.6	1.9	2		
6/6/2018			2	1.1				1.3	4.6
12/13/2018	1.7	1.3	2	1.2	1.7	2	1.9		
12/14/2018								1.8	4.2
3/28/2019			2	1.2	1.7		2.2		
3/29/2019	1.5	1.2				1.8			
4/1/2019									4.6
4/2/2019								2	
9/12/2019					1.5				
9/13/2019						1.7			
9/16/2019	1.8	1.3	2.2	1.2			1.9	1.9	
9/17/2019									3.8
3/17/2020		1.6	2.1		1.9		2.4		
3/18/2020	2			1.5		2.4			
3/25/2020								2.3	
3/26/2020									5.1
9/14/2020	2.1	1.5	2.5	1.5	1.9	2.5	2.7	2.8	5.8
3/30/2021	2.3	1.6				2.5			
3/31/2021			2.3	1.6	2.1				
4/1/2021								2.4	6
4/7/2021							2.3		
8/17/2021	1.9	1.6		1.6			2.6		
8/18/2021			2.4		2.2	2.7		2.5	5
2/9/2022	2	1.5	2.3	1.5	1.9		1.8	2.6	4
2/10/2022						2.4			
8/17/2022	2	1.5							
8/18/2022			2.4	1.6	2.1	3.1	1.9		3.5
8/19/2022								2.6	
2/21/2023	2		2.3		2				
2/22/2023		1.5		1.6				2.3	3.6

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/23/2023						3.3	1.9		
8/1/2023	2	1.4			1.9			2.2	
8/7/2023			2.2	1.2					
8/8/2023						3	1.6		3.4
2/20/2024	2.3	1.8		1.5				2.6	
2/21/2024			2.6		2.3	3.6			3.9
2/27/2024							2		
7/31/2024	2.5	1.7	2.3	1.3	2	3.4	1.9		3.5
8/1/2024								2.5	
2/19/2025				1.1		4.9	3.4		4.6
2/20/2025	1.8	1.3	2		1.9			2.6	
7/24/2025	2.4	1.8	2.8	1.4					
7/28/2025						3.6			
7/29/2025								2.2	
7/30/2025							2.6		3.2
7/31/2025					2.1				

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	12.6
6/23/2016	
6/24/2016	
6/27/2016	13
8/16/2016	
8/17/2016	14
10/13/2016	
10/14/2016	
10/17/2016	12
10/18/2016	
12/5/2016	
12/6/2016	12
2/14/2017	12
4/10/2017	
4/11/2017	
4/12/2017	11
6/26/2017	
6/27/2017	12
10/10/2017	
10/11/2017	
10/12/2017	11
6/5/2018	
6/6/2018	11
12/13/2018	
12/14/2018	11
3/28/2019	
3/29/2019	
4/1/2019	10
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	12
3/17/2020	
3/18/2020	
3/25/2020	10
3/26/2020	
9/14/2020	14
3/30/2021	
3/31/2021	
4/1/2021	12
4/7/2021	
8/17/2021	
8/18/2021	14
2/9/2022	
2/10/2022	12
8/17/2022	
8/18/2022	13
8/19/2022	
2/21/2023	
2/22/2023	18

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	24
2/20/2024	
2/21/2024	27
2/27/2024	
7/31/2024	
8/1/2024	23
2/19/2025	18
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	16
7/31/2025	

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	9.29	9.53	8.87	9.04					
5/12/2016					6.29	11.1	9.47	8.56	9.11
5/13/2016									
6/28/2016		9.1	8.3	8.8	5.4	10	9.8	7.8	
6/29/2016	9								8.3
6/30/2016									
8/17/2016		9.4	8.6						
8/18/2016				9.3	5.8	11	10	8.5	8.8
8/22/2016	9.7								
10/17/2016		8.9	7.9	8.3	5.4	11			
10/18/2016	9.4						9.4	8	
10/19/2016									8.3
12/6/2016		8.9	7.9	8.9	5.6				
12/7/2016	11					11	9.8	8	8.4
2/15/2017		9	7.2	8.7	5.4	11	9.8		8.1
2/16/2017	9.5							7.7	
4/12/2017		8.5	7.5	8.6	5.6	10	9.2		
4/13/2017	8.7							7.5	7.9
6/27/2017	9.9	9.1	7.8	9.3	5.9	11	9.5	8	8.3
6/28/2017									
10/11/2017			7.4	8.8	5.7	10			
10/12/2017	11	8.5					9.2	7.6	8
6/6/2018	12	8.6	7.5	8.8					
6/7/2018					6.2	10	9.3	7.7	8
6/8/2018									
10/16/2018			7.8				10		
10/18/2018									
12/14/2018				9.1	7.5	10			8.1
12/17/2018	13	8.6						8.1	
1/2/2019									
4/1/2019	13	7.8	7.4	9	7.7	9.9	9.2		
4/2/2019								8.2	8.2
9/16/2019	14		7.9	9.3					
9/17/2019		9.7			8.4	11	10	8.4	8.3
3/24/2020									7.8
3/25/2020	15	8.8	9						
3/26/2020				9.4					
3/27/2020					9	11	10	8.5	
9/14/2020	19	10	8.9	10	11				
9/15/2020						11	10	8.6	8.4
3/30/2021									
3/31/2021	16	9.2					11		
4/1/2021								9.2	9.2
4/6/2021						11			
4/7/2021			8.8	9	10				
8/18/2021									8.9
8/19/2021	18	9.3	9.9		12	11	11	9.5	
8/20/2021				9.9					
2/10/2022	15		8.8	10				9.8	
2/11/2022		11			12		12		8.4
2/14/2022						14			
8/18/2022	17		9.9	9.5	12				

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2022		9.2				13	11		
8/23/2022									
8/31/2022								9.6	8
2/22/2023	18	9	9.9						8.1
2/23/2023				9.6	11	12	11	9.8	
8/2/2023			10		13				
8/7/2023	15	9.1		9.5			12		7.8
8/8/2023						14		9.9	
2/21/2024	19								
2/23/2024		10	12	10	15				
2/26/2024							15	11	9.2
2/27/2024						15			
8/1/2024	17		11	11	16	15	14	9.8	
8/5/2024		9.2							7.8
2/19/2025	14	9.6		12	25	30		17	20
2/20/2025			12				11		
2/21/2025									
7/23/2025								10	7.7
7/25/2025									
7/30/2025	27	9.3			19		14		
7/31/2025			11	8.7		17			

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	4.87
6/28/2016	
6/29/2016	
6/30/2016	4.7
8/17/2016	
8/18/2016	
8/22/2016	5
10/17/2016	
10/18/2016	
10/19/2016	5.1
12/6/2016	
12/7/2016	5.6
2/15/2017	
2/16/2017	7.4
4/12/2017	
4/13/2017	8.9
6/27/2017	
6/28/2017	10
10/11/2017	
10/12/2017	7.4
6/6/2018	
6/7/2018	
6/8/2018	9
10/16/2018	
10/18/2018	16
12/14/2018	
12/17/2018	
1/2/2019	18
4/1/2019	
4/2/2019	15
9/16/2019	
9/17/2019	13
3/24/2020	
3/25/2020	
3/26/2020	12
3/27/2020	
9/14/2020	
9/15/2020	11
3/30/2021	11
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	15
8/19/2021	
8/20/2021	
2/10/2022	19
2/11/2022	
2/14/2022	
8/18/2022	

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2022	
8/23/2022	16
8/31/2022	
2/22/2023	13
2/23/2023	
8/2/2023	
8/7/2023	10
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	9.7 (J)
8/1/2024	
8/5/2024	7.8
2/19/2025	
2/20/2025	
2/21/2025	<50
7/23/2025	
7/25/2025	7.2
7/30/2025	
7/31/2025	

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		10.8	7.93	10.6	9.63				
5/13/2016	8.16								
6/29/2016	7.6	11	7.7	9.7	8.8				
8/19/2016				11	9.6				
8/22/2016	8.2	11	7.9						
10/18/2016	7.7	10	7.1	10	9.6				
12/7/2016			7.7	10	9.7				
12/8/2016	7.8	9.7							
2/15/2017					10				
2/16/2017	7.4	9.8	7.4	9.8					
4/13/2017	7.5	10	7.4	9.6	9				
6/28/2017	7.9	12	8.1	10	9.6				
10/12/2017	7.4	11	8.1	9.7	9.3				
6/7/2018		9.9	8.6	10	10				
6/8/2018	7.2								
10/17/2018									8.3
10/18/2018		11						5.5	
12/17/2018	7.3		9.3	10	9.9				
1/10/2019							3.3		
4/2/2019	7.3	11	9.3	10	8.9				
9/17/2019	7.4	11	10						
9/18/2019				10	9.7				
2/13/2020							4.6		
3/23/2020	7.7	10	11						
3/24/2020				10	9.1				
9/15/2020	7.7	11	12	11	10				
3/30/2021	8.3	9.9	13						
3/31/2021				11	11				
8/18/2021			13	11	11				
8/19/2021	9.4	10							
2/8/2022						8.9	4.1		
2/9/2022								6.9	5.8
2/10/2022				10	12				
2/11/2022	10	9.6	11						
8/22/2022	9.6	9.4	10	11	12				
8/23/2022							3.9		6.1
8/24/2022						9.3		7	
2/22/2023	10	8.8							
2/23/2023			8.9	11	12	10	4.8	7.4	
2/24/2023									6.9
8/1/2023							3.9	6.5	
8/2/2023						9.7			6.2
8/7/2023	9.9	9.3		11					
8/8/2023			7.7		12				
2/20/2024	12								
2/21/2024				12	14	11			
2/26/2024		11						7.6	
2/27/2024			7.9						7
2/28/2024							4.3		
8/1/2024	1.2							7.3	
8/2/2024		10	7.9 (J)	11	10				
8/5/2024						1.3	4		

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
8/6/2024									6.5
2/19/2025						12	5.4		
2/20/2025		6.3 (J)	5.5	10					
2/21/2025	12				8			4.9 (J)	
2/24/2025									6.1
7/24/2025	11	8							
7/28/2025			5.3	9.3	6.9				
7/29/2025							3.2	5.8	4.8
7/30/2025						10			

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
10/12/2017	
6/7/2018	
6/8/2018	
10/17/2018	
10/18/2018	9.3
12/17/2018	
1/10/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
3/23/2020	
3/24/2020	
9/15/2020	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	10
2/11/2022	
8/22/2022	
8/23/2022	8.7
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	8.9
8/1/2023	8.9
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	
2/21/2024	
2/26/2024	
2/27/2024	10
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	12 (J)

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
8/6/2024	
2/19/2025	
2/20/2025	<25
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	7.3
7/30/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				4.3					
10/18/2018	6.8	12	6.3						
1/3/2019									3.8
1/8/2019								7.3	
2/13/2020									2.2
2/14/2020								7.6	
2/19/2020	6.7								
2/9/2022	6.8	11	7.5	2.5					
2/10/2022					12				
8/22/2022		12							
8/24/2022	7		8.2	2.7	10				
2/23/2023	8.1	13							
2/24/2023			7.8		9.2				
2/28/2023				2.7					
8/2/2023	7.6	12	8.2	2.6	8.2				
2/23/2024				3.1	9.7				
2/27/2024	10	13	9.5						
8/1/2024				2.9					
8/2/2024			9.9 (J)		8.4				
8/5/2024		3 (J)							
8/6/2024	8.7								
2/20/2025		11							
2/21/2025	9.5 (J)								
2/24/2025			7.6	3.2	9.9				
7/29/2025	10	9.6	7.6	2.1	12	13	20		
10/8/2025								7.7	4.5

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.002	0.0142	0.00634 (J)		<0.005	0.00393 (J)	<0.0025		
5/11/2016				0.00217 (J)				<0.005	<0.005
6/23/2016	<0.002	0.0118			<0.005	0.0027 (J)			
6/24/2016			0.0053 (J)	0.0015 (J)					
6/27/2016							<0.0025	<0.005	<0.005
8/16/2016	<0.002	0.0099	0.0071		<0.005	0.0038			
8/17/2016				0.0011 (J)			<0.0025	<0.005	<0.005
10/13/2016	<0.002					0.0031			
10/14/2016		0.0045	0.0067		0.0012 (J)		<0.0025		
10/17/2016				0.0032				<0.005	
10/18/2016									<0.005
12/5/2016						0.0027			
12/6/2016	<0.002	0.0043	0.0063	0.0028	<0.005		<0.0025	<0.005	<0.005
2/14/2017	<0.002	0.014	0.0076	0.0046	<0.005	0.0037	<0.0025	<0.005	<0.005
4/10/2017						0.0037			
4/11/2017	<0.002	0.014	0.0098	0.005	<0.005		<0.0025		
4/12/2017								<0.005	<0.005
6/26/2017	<0.002	0.014	0.012	0.0061	0.0021 (J)	0.0047			
6/27/2017							<0.0025	<0.005	<0.005
3/26/2018	<0.002	0.013	0.012			0.0042			
3/27/2018				0.0058	<0.005		<0.0025	<0.005	<0.005
6/5/2018	0.0014 (J)	0.014			<0.005	0.0046	<0.0025		
6/6/2018			0.015	0.0048				<0.005	<0.005
10/5/2018	0.0014 (J)	0.016	0.015			0.0058			
10/8/2018				0.0098	0.0011 (J)		<0.0025	<0.005	
10/9/2018									<0.005
2/18/2019	0.0017 (J)	0.012		0.0059					
2/19/2019			0.014		<0.005	0.0038	<0.0025		
2/20/2019								<0.005	<0.005
3/28/2019			0.013	0.0046	<0.005		<0.0025		
3/29/2019	0.0017 (J)	0.014				0.0043			
4/1/2019									<0.005
4/2/2019								<0.005	
9/12/2019					0.0023 (J)				
9/13/2019						0.0056			
9/16/2019	0.0017 (J)	0.014	0.019	0.0064			0.0015 (J)	<0.005	
9/17/2019									<0.005
2/13/2020	<0.002	0.011				0.0036			
2/17/2020					<0.005		<0.0025		
2/18/2020			0.02	0.0062				<0.005	<0.005
3/17/2020		0.014	0.018		<0.005		<0.0025		
3/18/2020	0.0024			0.0047		0.0047			
3/25/2020								<0.005	
3/26/2020									<0.005
5/19/2020	<0.002	0.014	0.021	0.0058	<0.005	0.0051	<0.0025		
9/14/2020	<0.002	0.014	0.018	0.0054	<0.005	0.005	0.0021	<0.005	<0.005
2/9/2021	<0.002	0.014	0.019	0.0053	<0.005	0.0052	0.0023	<0.005	<0.005
3/30/2021	0.0026	0.014				0.0047			
3/31/2021			0.018	0.0037	<0.005				
4/1/2021								<0.005	<0.005
4/7/2021							0.0024		
8/17/2021	<0.002	0.013		0.0053			0.0047		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/18/2021			0.02		<0.005	0.0056		<0.005	0.0026
2/9/2022	0.0017 (J)	0.014	0.019	0.0048	<0.005		0.0023	<0.005	<0.005
2/10/2022						0.0048			
8/17/2022	0.0016 (J)	0.013							
8/18/2022			0.018	0.0064	0.0022	0.004	0.0028		<0.005
8/19/2022								<0.005	
2/21/2023	0.0025		0.023		0.0017 (J)				
2/22/2023		0.015		0.0058				<0.005	<0.005
2/23/2023						0.0058	0.0025		
8/1/2023	0.0029	0.014			0.0016 (J)			<0.005	
8/7/2023			0.024	0.0065					
8/8/2023						0.005	0.004		<0.005
2/20/2024	0.0024	0.015		0.0058				<0.005	
2/21/2024			0.023		0.0032	0.0068			0.002
2/27/2024							0.0027		
7/31/2024	0.0027	0.015	0.027	0.0064	0.0015 (J)	0.0053	0.004		<0.005
8/1/2024								<0.005	
2/19/2025				0.0056		0.006	0.0048		0.0014 (J)
2/20/2025	0.0033	0.015	0.027		0.0016 (J)			<0.005	
7/24/2025	0.0043 (J)	0.016	0.028	0.0054					
7/28/2025						0.0053			
7/29/2025								<0.005	
7/30/2025							0.0038 (J)		<0.005
7/31/2025					<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	<0.005
6/23/2016	
6/24/2016	
6/27/2016	<0.005
8/16/2016	
8/17/2016	<0.005
10/13/2016	
10/14/2016	
10/17/2016	<0.005
10/18/2016	
12/5/2016	
12/6/2016	<0.005
2/14/2017	<0.005
4/10/2017	
4/11/2017	
4/12/2017	0.0011 (J)
6/26/2017	
6/27/2017	<0.005
3/26/2018	
3/27/2018	0.0012 (J)
6/5/2018	
6/6/2018	0.0013 (J)
10/5/2018	
10/8/2018	
10/9/2018	0.0016 (J)
2/18/2019	
2/19/2019	
2/20/2019	0.0021 (J)
3/28/2019	
3/29/2019	
4/1/2019	0.0013 (J)
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	0.0031
2/13/2020	
2/17/2020	
2/18/2020	0.0015 (J)
3/17/2020	
3/18/2020	
3/25/2020	<0.005
3/26/2020	
5/19/2020	
9/14/2020	<0.005
2/9/2021	<0.005
3/30/2021	
3/31/2021	
4/1/2021	<0.005
4/7/2021	
8/17/2021	

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
8/18/2021	<0.005
2/9/2022	
2/10/2022	<0.005
8/17/2022	
8/18/2022	0.055
8/19/2022	
2/21/2023	
2/22/2023	0.0023
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	0.0028
2/20/2024	
2/21/2024	0.0054
2/27/2024	
7/31/2024	
8/1/2024	0.0032
2/19/2025	0.003
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	<0.005
7/31/2025	

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	<0.005	<0.005	<0.005	<0.005					
5/12/2016					<0.005	<0.005	0.0335	0.00943 (J)	0.0077 (J)
5/13/2016									
6/28/2016		<0.005	<0.005	<0.005	<0.005	0.0008 (J)	0.0339	0.0093 (J)	
6/29/2016	<0.005								0.0036 (J)
6/30/2016									
8/17/2016		<0.005	<0.005						
8/18/2016				<0.005	<0.005	<0.005	0.034	0.0085	0.0027
8/22/2016	<0.005								
10/17/2016		<0.005	<0.005	0.0023 (J)	<0.005	0.0012 (J)			
10/18/2016	<0.005						0.033	0.0088	
10/19/2016									0.0048
12/6/2016		<0.005	<0.005	<0.005	<0.005				
12/7/2016	<0.005					0.0012 (J)	0.032	0.0079	0.0027
2/15/2017		<0.005	<0.005	<0.005	<0.005	<0.005	0.03		0.0044
2/16/2017	<0.005							0.0097	
4/12/2017		<0.005	<0.005	<0.005	<0.005	<0.005	0.035		
4/13/2017	<0.005							0.0098	0.0047
6/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.035	0.0096	0.0029
6/28/2017									
3/27/2018		<0.005	<0.005	<0.005	<0.005	<0.005	0.031	0.0098	0.0045
3/28/2018	<0.005								
6/6/2018	<0.005	<0.005	<0.005	<0.005					
6/7/2018					<0.005	<0.005	0.032	0.01	0.0083
6/8/2018									
10/8/2018				<0.005	<0.005	<0.005		0.013	0.0055
10/9/2018	<0.005	<0.005							
10/16/2018			<0.005				0.032		
10/18/2018									
1/2/2019									
2/20/2019	<0.005	<0.005	<0.005	<0.005	<0.005	0.0016 (J)	0.038	0.013	0.0061
4/1/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.032		
4/2/2019								0.01	0.004
9/16/2019	<0.005		<0.005	<0.005					
9/17/2019		<0.005			0.0017 (J)	0.0026	0.037	0.013	0.0078
2/18/2020			<0.005						
2/19/2020	<0.005	<0.005		<0.005	<0.005	<0.005	0.038	0.014	0.0045
2/20/2020									
3/24/2020									0.0079
3/25/2020	<0.005	<0.005	<0.005						
3/26/2020				<0.005					
3/27/2020					<0.005	0.0019 (J)	0.034	0.011	
9/14/2020	<0.005	<0.005	<0.005	<0.005	<0.005				
9/15/2020						<0.005	0.034	0.012	0.0091
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.035	0.012	
2/10/2021									0.008
3/30/2021									
3/31/2021	<0.005	<0.005					0.034		
4/1/2021								0.012	0.0046
4/6/2021						<0.005			
4/7/2021			<0.005	<0.005	<0.005				
8/18/2021									0.012

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2021	<0.005	<0.005	<0.005		<0.005	<0.005	0.032	0.011	
8/20/2021				<0.005					
2/10/2022	<0.005		<0.005	<0.005				0.012	
2/11/2022		<0.005			<0.005		0.032		0.0079
2/14/2022						<0.005			
8/18/2022	<0.005		<0.005	<0.005	<0.005				
8/19/2022		<0.005				0.0066	0.032		
8/23/2022									
8/31/2022								0.012	0.0088
2/22/2023	<0.005	<0.005	<0.005						0.0084
2/23/2023				<0.005	<0.005	<0.005	0.029	0.012	
8/2/2023			<0.005		<0.005				
8/7/2023	0.0039	0.0012 (J)		<0.005			0.035		0.0093
8/8/2023						0.0012 (J)		0.014	
2/21/2024	0.0017 (J)								
2/23/2024		<0.005	<0.005	<0.005	<0.005				
2/26/2024							0.035	0.013	0.0078
2/27/2024						0.0014 (J)			
8/1/2024	<0.005		<0.005	<0.005	<0.005	<0.005	0.037	0.014	
8/5/2024		<0.005							0.0028
2/19/2025	<0.005	<0.005		<0.005	<0.005	0.0013 (J)		0.015	0.0039
2/20/2025			<0.005				0.033		
2/21/2025									
7/23/2025								0.015	0.0066
7/25/2025									
7/30/2025	<0.005	<0.005			<0.005		0.03		
7/31/2025			<0.005	<0.005		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	0.00771 (J)
6/28/2016	
6/29/2016	
6/30/2016	0.007 (J)
8/17/2016	
8/18/2016	
8/22/2016	0.007
10/17/2016	
10/18/2016	
10/19/2016	0.0064
12/6/2016	
12/7/2016	0.0063
2/15/2017	
2/16/2017	0.007
4/12/2017	
4/13/2017	0.0061
6/27/2017	
6/28/2017	0.0059
3/27/2018	
3/28/2018	0.0082
6/6/2018	
6/7/2018	
6/8/2018	0.0086
10/8/2018	
10/9/2018	
10/16/2018	
10/18/2018	0.009
1/2/2019	0.0078
2/20/2019	0.011
4/1/2019	
4/2/2019	0.0092
9/16/2019	
9/17/2019	0.011
2/18/2020	
2/19/2020	
2/20/2020	0.011
3/24/2020	
3/25/2020	
3/26/2020	0.0096
3/27/2020	
9/14/2020	
9/15/2020	0.01
2/9/2021	
2/10/2021	0.01
3/30/2021	0.0098
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	0.019

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2021	
8/20/2021	
2/10/2022	0.01
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	0.0095
8/31/2022	
2/22/2023	0.0096
2/23/2023	
8/2/2023	
8/7/2023	0.01
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	0.01
8/1/2024	
8/5/2024	0.01
2/19/2025	
2/20/2025	
2/21/2025	0.0098
7/23/2025	
7/25/2025	0.011
7/30/2025	
7/31/2025	

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		<0.005	<0.005	<0.005	<0.005				
5/13/2016	0.0151								
6/29/2016	0.0141	0.0009 (J)	0.0012 (J)	0.0007 (J)	0.0013 (J)				
8/19/2016				<0.005	<0.005				
8/22/2016	0.015	<0.005	<0.005						
10/18/2016	0.013	<0.005	<0.005	<0.005	<0.005				
12/7/2016			<0.005	<0.005	<0.005				
12/8/2016	0.013	<0.005							
2/15/2017					<0.005				
2/16/2017	0.015	<0.005	<0.005	<0.005					
4/13/2017	0.016	<0.005	<0.005	<0.005	0.0014 (J)				
6/28/2017	0.016	<0.005	<0.005	<0.005	0.0025				
3/27/2018					0.0012 (J)				
3/28/2018	0.014	<0.005	<0.005	<0.005					
6/7/2018		<0.005	<0.005	<0.005	<0.005				
6/8/2018	0.015								
10/8/2018			<0.005	0.0012 (J)	0.0017 (J)				
10/9/2018	0.017								
10/17/2018									0.0027
10/18/2018		<0.005						0.0049	
1/10/2019							0.0029		
2/19/2019				<0.005	<0.005				
2/20/2019	0.017	<0.005	0.0015 (J)						
4/2/2019	0.014	<0.005	<0.005	0.0012 (J)	0.0011 (J)				
9/17/2019	0.017	0.0022 (J)	0.0016 (J)						
9/18/2019				0.0024 (J)	0.0024 (J)				
2/13/2020							0.0022		
2/18/2020		<0.005	<0.005	0.0015 (J)	<0.005				
2/19/2020	0.017								
3/23/2020	0.015	<0.005	<0.005						
3/24/2020				<0.005	<0.005				
9/15/2020	0.015	<0.005	0.002	0.0025	0.0017 (J)				
2/10/2021	0.015	<0.005	<0.005	0.0015 (J)	0.0017 (J)				
3/30/2021	0.014	<0.005	<0.005						
3/31/2021				<0.005	0.0016 (J)				
8/18/2021			0.0022	<0.005	0.0019 (J)				
8/19/2021	0.014	<0.005							
2/8/2022						0.003	0.0018 (J)		
2/9/2022								0.0036	0.028
2/10/2022				<0.005	0.0015 (J)				
2/11/2022	0.015	<0.005	<0.005						
8/22/2022	0.013	<0.005	0.0016 (J)	0.0022	0.0017 (J)				
8/23/2022							0.0024		0.014
8/24/2022						0.0034		0.0037	
2/22/2023	0.013	<0.005							
2/23/2023			<0.005	<0.005	0.0016 (J)	0.0034	0.0022	0.0042	
2/24/2023									0.03
8/1/2023							0.0021	0.0027	
8/2/2023						0.0027			0.026
8/7/2023	0.015	0.0016 (J)		0.0015 (J)					
8/8/2023			<0.005		0.0025				
2/20/2024	0.018								

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
2/21/2024				0.003	0.0031	0.0047			
2/26/2024		0.0014 (J)						0.0033	
2/27/2024			<0.005						0.021
2/28/2024							0.0023		
8/1/2024	0.016							0.0029	
8/2/2024		0.0012 (J)	<0.005	<0.005	0.0019 (J)				
8/5/2024						0.0025	0.0013 (J)		
8/6/2024									0.021
2/19/2025						0.0036	0.0024		
2/20/2025		0.0024	<0.005	0.0013 (J)					
2/21/2025	0.015				0.0022			0.0032	
2/24/2025									0.023
7/24/2025	0.016	<0.005							
7/28/2025			<0.005	<0.005	<0.005				
7/29/2025							<0.005	<0.005	0.028
7/30/2025						<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
3/27/2018	
3/28/2018	
6/7/2018	
6/8/2018	
10/8/2018	
10/9/2018	
10/17/2018	
10/18/2018	<0.005
1/10/2019	
2/19/2019	
2/20/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
2/10/2021	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	<0.005
2/11/2022	
8/22/2022	
8/23/2022	<0.005
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	<0.005
8/1/2023	<0.005
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
2/21/2024	
2/26/2024	
2/27/2024	<0.005
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	<0.005
8/6/2024	
2/19/2025	
2/20/2025	<0.005
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	<0.005
7/30/2025	

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				0.0046					
10/18/2018	<0.0025	<0.005	<0.002						
1/3/2019									0.0072
1/8/2019								<0.005	
2/13/2020									0.0087
2/14/2020								<0.005	
2/19/2020	0.0058								
2/9/2022	0.0058	<0.005	<0.002	<0.005					
2/10/2022					<0.005				
8/22/2022		0.003							
8/24/2022	0.0051		<0.002	<0.005	<0.005				
2/23/2023	0.0059	<0.005							
2/24/2023			0.002		<0.005				
2/28/2023				<0.005					
8/2/2023	0.0056	<0.005	0.0012 (J)	<0.005	<0.005				
2/23/2024				0.0013 (J)	<0.005				
2/27/2024	0.0058	<0.005	0.002						
8/1/2024				<0.005					
8/2/2024			<0.002		<0.005				
8/5/2024		<0.005							
8/6/2024	0.005								
2/20/2025		0.0012 (J)							
2/21/2025	0.0059								
2/24/2025			0.002	<0.005	<0.005				
7/29/2025	0.0056	<0.005	0.0053	<0.005	<0.005	<0.005	<0.005		
10/8/2025								<0.005	0.0092

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	0.0184	<0.005	<0.005		<0.005	<0.005	0.0132		
5/11/2016				<0.005				<0.005	0.0116
6/23/2016	0.0168	0.0004 (J)			<0.005	0.0004 (J)			
6/24/2016			<0.005	<0.005					
6/27/2016							0.0099 (J)	0.002 (J)	0.0143
8/16/2016	0.016	<0.005	0.00051 (J)		<0.005	<0.005			
8/17/2016				0.00041 (J)			0.01	0.0018 (J)	0.012
10/13/2016	0.02					0.0004 (J)			
10/14/2016		<0.005	<0.005		<0.005		0.013		
10/17/2016				<0.005				0.0016 (J)	
10/18/2016									0.0099
12/5/2016						<0.005			
12/6/2016	0.016	<0.005	<0.005	<0.005	<0.005		0.016	0.0012 (J)	0.011
2/14/2017	0.011	<0.005	<0.005	<0.005	<0.005	<0.005	0.018	0.0022 (J)	0.0093
4/10/2017						<0.005			
4/11/2017	0.0098	<0.005	<0.005	<0.005	<0.005		0.015		
4/12/2017								0.0023 (J)	0.0062
6/26/2017	0.01	<0.005	<0.005	<0.005	<0.005	<0.005			
6/27/2017							0.0088	0.0045	0.021
3/26/2018	0.0065	<0.005	<0.005			<0.005			
3/27/2018				<0.005	<0.005		0.014	0.004	0.0054
6/5/2018	0.0028	<0.005			<0.005	<0.005	0.0095		
6/6/2018			<0.005	<0.005				0.0021 (J)	0.0034
10/5/2018	0.00075 (J)	<0.005	<0.005			0.00058 (J)			
10/8/2018				<0.005	<0.005		0.0047	<0.005	
10/9/2018									0.013
2/18/2019	0.0008 (J)	<0.005		<0.005					
2/19/2019			<0.005		<0.005	<0.005	0.005		
2/20/2019								0.00011 (J)	0.0057
3/28/2019			<0.005	<0.005	<0.005		0.0042		
3/29/2019	0.00072 (J)	<0.005				<0.005			
4/1/2019									0.0046
4/2/2019								<0.005	
9/12/2019					<0.005				
9/13/2019						0.00018 (J)			
9/16/2019	0.0014 (J)	<0.005	<0.005	<0.005			0.0045	0.00013 (J)	
9/17/2019									0.0039
2/13/2020	0.0014 (J)	<0.005				<0.005			
2/17/2020					<0.005		0.0044		
2/18/2020			<0.005	<0.005				<0.005	0.0067
3/17/2020		<0.005	<0.005		<0.005		0.0039		
3/18/2020	0.0021 (J)			0.00032 (J)		0.00016 (J)			
3/25/2020								0.00027 (J)	
3/26/2020									0.0033
9/14/2020	0.0013 (J)	<0.005	<0.005	<0.005	<0.005	0.00031 (J)	0.002 (J)	<0.005	0.0063
2/9/2021	0.0013 (J)	<0.005	<0.005	<0.005	<0.005	0.00023 (J)	0.0011 (J)	<0.005	0.0069
3/30/2021	0.0013 (J)	0.00021 (J)				<0.005			
3/31/2021			<0.005	<0.005	<0.005				
4/1/2021								<0.005	0.0029
4/7/2021							0.0013 (J)		
8/17/2021	0.00072 (J)	<0.005		<0.005			0.0011 (J)		
8/18/2021			<0.005		<0.005	0.00057 (J)		0.00024 (J)	0.0021 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	0.00089 (J)	<0.005	<0.005	<0.005	<0.005		0.00045 (J)	<0.005	0.0024 (J)
2/10/2022						<0.005			
8/17/2022	0.00055 (J)	<0.005							
8/18/2022			<0.005	<0.005	<0.005	<0.005	<0.005		0.0012 (J)
8/19/2022								<0.005	
2/21/2023	0.00071 (J)		<0.005		<0.005				
2/22/2023		<0.005		<0.005				0.0003 (J)	0.0014 (J)
2/23/2023						<0.005	<0.005		
8/1/2023	0.00072 (J)	<0.005			<0.005			<0.005	
8/7/2023			<0.005	<0.005					
8/8/2023						<0.005	<0.005		0.00049 (J)
2/20/2024	0.0013 (J)	<0.005		<0.005				<0.005	
2/21/2024			<0.005		<0.005	<0.005			0.00032 (J)
2/27/2024							0.00078 (J)		
7/31/2024	0.00032 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		0.00034 (J)
8/1/2024								<0.005	
2/19/2025				<0.005		<0.005	0.00045 (J)		0.00023 (J)
2/20/2025	0.00024 (J)	<0.005	<0.005		<0.005			<0.005	
7/24/2025	<0.005	<0.005	<0.005	<0.005					
7/28/2025						<0.005			
7/29/2025								<0.005	
7/30/2025							<0.005		<0.005
7/31/2025					<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	0.00265 (J)
6/23/2016	
6/24/2016	
6/27/2016	0.0012 (J)
8/16/2016	
8/17/2016	0.00049 (J)
10/13/2016	
10/14/2016	
10/17/2016	<0.005
10/18/2016	
12/5/2016	
12/6/2016	<0.005
2/14/2017	<0.005
4/10/2017	
4/11/2017	
4/12/2017	<0.005
6/26/2017	
6/27/2017	<0.005
3/26/2018	
3/27/2018	<0.005
6/5/2018	
6/6/2018	<0.005
10/5/2018	
10/8/2018	
10/9/2018	<0.005
2/18/2019	
2/19/2019	
2/20/2019	0.00014 (J)
3/28/2019	
3/29/2019	
4/1/2019	<0.005
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	0.00013 (J)
2/13/2020	
2/17/2020	
2/18/2020	<0.005
3/17/2020	
3/18/2020	
3/25/2020	0.00032 (J)
3/26/2020	
9/14/2020	<0.005
2/9/2021	<0.005
3/30/2021	
3/31/2021	
4/1/2021	<0.005
4/7/2021	
8/17/2021	
8/18/2021	0.00021 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
2/9/2022	
2/10/2022	<0.005
8/17/2022	
8/18/2022	0.00075 (J)
8/19/2022	
2/21/2023	
2/22/2023	<0.005
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	<0.005
2/20/2024	
2/21/2024	<0.005
2/27/2024	
7/31/2024	
8/1/2024	<0.005
2/19/2025	<0.005
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	<0.005
7/31/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	0.0156	0.0191	0.0378	0.00648 (J)					
5/12/2016					0.0145	0.00605 (J)	0.267	0.00303 (J)	<0.0025
5/13/2016									
6/28/2016		0.0192	0.0332	0.0051 (J)	0.011	0.0115	0.255	0.0029 (J)	
6/29/2016	0.0147								0.0007 (J)
6/30/2016									
8/17/2016		0.022	0.03						
8/18/2016				0.0035	0.0099	0.011	0.26	0.0029	0.00078 (J)
8/22/2016	0.017								
10/17/2016		0.05	0.032	0.003	0.01	0.017			
10/18/2016	0.017						0.28	0.0034	
10/19/2016									0.00094 (J)
12/6/2016		0.04	0.029	0.0036	0.0079				
12/7/2016	0.014					0.0043	0.26	0.003	0.00056 (J)
2/15/2017		0.038	0.029	0.004	0.0073	0.0059	0.24		0.00069 (J)
2/16/2017	0.014							0.0033	
4/12/2017		0.018	0.028	0.0039	0.0078	0.017	0.28		
4/13/2017	0.014							0.0034	0.00049 (J)
6/27/2017	0.013	0.014	0.029	0.0042	0.0068	0.013	0.29	0.0037	0.00041 (J)
6/28/2017									
3/27/2018		0.026	0.024	0.0035	0.0035	0.0083	0.27	0.0037	<0.0025
3/28/2018	0.0087								
6/6/2018	0.0064	0.018	0.026	0.0038					
6/7/2018					0.0039	0.0025	0.3	0.0037	<0.0025
6/8/2018									
10/8/2018				0.0037	0.0036	0.0071		0.0044	0.00046 (J)
10/9/2018	0.0049	0.03							
10/16/2018			0.023				0.27		
10/18/2018									
1/2/2019									
2/20/2019	0.01	0.034	0.024	0.0032	0.004	0.011	0.26	0.0038	0.00035 (J)
4/1/2019	0.01	0.025	0.021	0.0029	0.003	0.014	0.26		
4/2/2019								0.0041	<0.0025
9/16/2019	0.001 (J)		0.022	0.003					
9/17/2019		0.022			0.0024 (J)	0.0096	0.27	0.0042	0.00048 (J)
2/18/2020			0.018						
2/19/2020	0.0082	0.027		0.0027	0.0018 (J)	0.0099	0.28	0.0047	0.00034 (J)
2/20/2020									
3/24/2020									0.00044 (J)
3/25/2020	0.0064	0.029	0.024						
3/26/2020				0.0024 (J)					
3/27/2020					0.002 (J)	0.0093	0.28	0.0047	
9/14/2020	0.00048 (J)	0.022	0.019	0.001 (J)	0.0022 (J)				
9/15/2020						0.0076	0.25	0.0043	0.00041 (J)
2/9/2021	0.0032	0.03	0.019	0.0014 (J)	0.0024 (J)	0.0052	0.26	0.0045	
2/10/2021									0.00049 (J)
3/30/2021									
3/31/2021	0.0046	0.026					0.26		
4/1/2021								0.0049	0.00041 (J)
4/6/2021						0.0072			
4/7/2021			0.019	0.0017 (J)	0.0018 (J)				
8/18/2021									0.00043 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2021	0.00072 (J)	0.022	0.014		0.0021 (J)	0.0047	0.27	0.0051	
8/20/2021				0.0019 (J)					
2/10/2022	0.0022 (J)		0.021	0.00079 (J)				0.0049	
2/11/2022		0.023			0.0015 (J)		0.23		0.00036 (J)
2/14/2022						0.0065			
8/18/2022	0.00084 (J)		0.012	0.001 (J)	0.0019 (J)				
8/19/2022		0.022				0.01	0.25		
8/23/2022									
8/31/2022								0.0054	0.00045 (J)
2/22/2023	0.00062 (J)	0.025	0.023						0.00043 (J)
2/23/2023				0.0014 (J)	0.0016 (J)	0.0047	0.23	0.0056	
8/2/2023			0.022		0.0016 (J)				
8/7/2023	0.00053 (J)	0.025		0.0013 (J)			0.26		0.00052 (J)
8/8/2023						0.0092		0.0069	
2/21/2024	0.00066 (J)								
2/23/2024		0.03	0.022	0.0018 (J)	0.0015 (J)				
2/26/2024							0.27	0.0073	0.0006 (J)
2/27/2024						0.0038			
8/1/2024	0.00068 (J)		0.018	0.0023 (J)	0.0022 (J)	0.014	0.3	0.0086	
8/5/2024		0.023							0.00045 (J)
2/19/2025	0.00058 (J)	0.026		0.0018 (J)	0.0018 (J)	0.014		0.0082	0.00048 (J)
2/20/2025			0.02				0.23		
2/21/2025									
7/23/2025								0.0093	0.00059 (J)
7/25/2025									
7/30/2025	<0.005	0.015			0.002 (J)		0.23		
7/31/2025			0.017	0.0017 (J)		0.039			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	0.116
6/28/2016	
6/29/2016	
6/30/2016	0.112
8/17/2016	
8/18/2016	
8/22/2016	0.13
10/17/2016	
10/18/2016	
10/19/2016	0.14
12/6/2016	
12/7/2016	0.11
2/15/2017	
2/16/2017	0.11
4/12/2017	
4/13/2017	0.094
6/27/2017	
6/28/2017	0.085
3/27/2018	
3/28/2018	0.16
6/6/2018	
6/7/2018	
6/8/2018	0.19
10/8/2018	
10/9/2018	
10/16/2018	
10/18/2018	0.21
1/2/2019	0.11
2/20/2019	0.19
4/1/2019	
4/2/2019	0.18
9/16/2019	
9/17/2019	0.16
2/18/2020	
2/19/2020	
2/20/2020	0.14
3/24/2020	
3/25/2020	
3/26/2020	0.15
3/27/2020	
9/14/2020	
9/15/2020	0.12
2/9/2021	
2/10/2021	0.11
3/30/2021	0.11
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	0.095

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2021	
8/20/2021	
2/10/2022	0.09
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	0.088
8/31/2022	
2/22/2023	0.072
2/23/2023	
8/2/2023	
8/7/2023	0.064
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	0.069
8/1/2024	
8/5/2024	0.069
2/19/2025	
2/20/2025	
2/21/2025	0.058
7/23/2025	
7/25/2025	0.087
7/30/2025	
7/31/2025	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		0.261	<0.005	0.00619 (J)	<0.005				
5/13/2016	<0.005								
6/29/2016	0.0006 (J)	0.23	<0.005	0.0051 (J)	<0.005				
8/19/2016				0.0045	<0.005				
8/22/2016	0.00066 (J)	0.25	<0.005						
10/18/2016	0.00095 (J)	0.26	<0.005	0.0043	<0.005				
12/7/2016			<0.005	0.0034	<0.005				
12/8/2016	0.00078 (J)	0.26							
2/15/2017					<0.005				
2/16/2017	0.00049 (J)	0.23	<0.005	0.0031					
4/13/2017	<0.005	0.19	<0.005	0.0031	<0.005				
6/28/2017	<0.005	0.19	<0.005	0.0029	<0.005				
3/27/2018					<0.005				
3/28/2018	<0.005	0.18	<0.005	0.0022 (J)					
6/7/2018		0.21	<0.005	0.0022 (J)	<0.005				
6/8/2018	<0.005								
10/8/2018			<0.005	0.0021 (J)	<0.005				
10/9/2018	<0.005								
10/17/2018									0.00051 (J)
10/18/2018		0.16						<0.005	
1/10/2019							<0.005		
2/19/2019				0.0018 (J)	<0.005				
2/20/2019	0.00012 (J)	0.18	0.00011 (J)						
4/2/2019	<0.005	0.13	<0.005	0.0018 (J)	<0.005				
9/17/2019	0.00013 (J)	0.13	8.7E-05 (J)						
9/18/2019				0.002 (J)	0.00013 (J)				
2/13/2020							0.00016 (J)		
2/18/2020		0.12	0.00014 (J)	0.0018 (J)	<0.005				
2/19/2020	0.00015 (J)								
3/23/2020	<0.005	0.22	0.00016 (J)						
3/24/2020				0.0016 (J)	<0.005				
9/15/2020	0.00016 (J)	0.098	0.00022 (J)	0.0014 (J)	<0.005				
9/18/2020						0.0057			
2/10/2021	0.00013 (J)	0.17	0.00017 (J)	0.0015 (J)	<0.005				
3/30/2021	<0.005	0.15	0.00016 (J)						
3/31/2021				0.0011 (J)	<0.005				
4/2/2021						0.007	0.00019 (J)		0.0003 (J)
8/18/2021			0.00016 (J)	0.001 (J)	<0.005		0.0003 (J)		
8/19/2021	<0.005	0.2							0.00028 (J)
8/20/2021						0.006			
2/8/2022						0.0052	0.00028 (J)		
2/9/2022								<0.005	<0.005
2/10/2022				0.0016 (J)	<0.005				
2/11/2022	0.00045 (J)	0.14	<0.005						
8/22/2022	<0.005	0.11	<0.005	0.001 (J)	<0.005				
8/23/2022							0.00046 (J)		<0.005
8/24/2022						0.0059		<0.005	
2/22/2023	<0.005	0.082							
2/23/2023			<0.005	0.00069 (J)	<0.005	0.0057	<0.005	<0.005	
2/24/2023									<0.005
8/1/2023							0.00039 (J)	<0.005	
8/2/2023						0.0057			0.00033 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
8/7/2023	<0.005	0.093		0.00087 (J)					
8/8/2023			<0.005		<0.005				
2/20/2024	<0.005								
2/21/2024				0.00072 (J)	<0.005	0.0053			
2/26/2024		0.14						<0.005	
2/27/2024			<0.005						0.00023 (J)
2/28/2024							0.00033 (J)		
8/1/2024	<0.005							<0.005	
8/2/2024		0.12	<0.005	0.00077 (J)	<0.005				
8/5/2024						0.0051	0.00024 (J)		
8/6/2024									<0.005
2/19/2025						0.0036	0.00023 (J)		
2/20/2025		0.15	<0.005	0.00073 (J)					
2/21/2025	<0.005				<0.005			<0.005	
2/24/2025									<0.005
7/24/2025	<0.005	0.1							
7/28/2025			<0.005	0.00048 (J)	<0.005				
7/29/2025							<0.005	<0.005	<0.005
7/30/2025						0.0029 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
3/27/2018	
3/28/2018	
6/7/2018	
6/8/2018	
10/8/2018	
10/9/2018	
10/17/2018	
10/18/2018	0.0076
1/10/2019	
2/19/2019	
2/20/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
9/18/2020	
2/10/2021	
3/30/2021	
3/31/2021	
4/2/2021	
8/18/2021	
8/19/2021	
8/20/2021	
2/8/2022	
2/9/2022	
2/10/2022	0.0025
2/11/2022	
8/22/2022	
8/23/2022	0.0029
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	0.0014 (J)
8/1/2023	0.0014 (J)
8/2/2023	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
8/7/2023	
8/8/2023	
2/20/2024	
2/21/2024	
2/26/2024	
2/27/2024	0.0011 (J)
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	0.00094 (J)
8/6/2024	
2/19/2025	
2/20/2025	0.00094 (J)
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	0.00098 (J)
7/30/2025	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				0.0021 (J)					
10/18/2018	0.0092	0.0064	0.0086						
1/3/2019									<0.0025
1/8/2019								<0.005	
2/13/2020									0.0016 (J)
2/14/2020								<0.005	
2/19/2020	0.0016 (J)								
4/5/2021	0.0012 (J)								
4/7/2021			0.00097 (J)						
8/18/2021			0.00025 (J)						
8/19/2021	0.0013 (J)								
2/9/2022	0.00093 (J)	0.00061 (J)	<0.005	0.0024 (J)					
2/10/2022					0.002 (J)				
8/22/2022		0.0012 (J)							
8/24/2022	0.001 (J)		<0.005	0.0016 (J)	0.0013 (J)				
2/23/2023	0.0004 (J)	<0.005							
2/24/2023			<0.005		0.0021 (J)				
2/28/2023				0.0019 (J)					
8/2/2023	0.00036 (J)	0.00041 (J)	<0.005	0.0022 (J)	0.0032				
2/23/2024				0.0017 (J)	0.003				
2/27/2024	0.00032 (J)	0.00032 (J)	<0.005						
8/1/2024				0.0027					
8/2/2024			<0.005		0.0029				
8/5/2024		0.00025 (J)							
8/6/2024	<0.005								
2/20/2025		0.00035 (J)							
2/21/2025	0.00022 (J)								
2/24/2025			<0.005	0.0014 (J)	0.0022 (J)				
7/29/2025	<0.005	<0.005	<0.005	0.0016 (J)	0.0017 (J)	0.0069	0.16		
9/9/2025						0.0028 (J,R)	0.17 (R)		
10/8/2025								<0.005	0.00074 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	0.275 (U)	0.441	0.188 (U)		0.338 (U)	0.31 (U)	-0.013 (U)		
5/11/2016				0.284 (U)				0.0394 (U)	0.214 (U)
6/23/2016	0	0.155			0.358	0.455			
6/24/2016			1.2	0.974					
6/27/2016							0.667	0.624	0.581
8/16/2016	0.13 (U)	0.621	0.168 (U)		0.224 (U)	0.162 (U)			
8/17/2016				0.202 (U)			0.148 (U)	0.572	0.665
10/13/2016	0.309 (U)					0.327 (U)			
10/14/2016		0.765	0.345 (U)		0.999		0.448 (U)		
10/17/2016				0.114 (U)				0.307 (U)	
10/18/2016									0.453
12/5/2016						0.233 (U)			
12/6/2016	0.346 (U)	0.29 (U)	0.221 (U)	0.251 (U)	0.387 (U)		0.51	0.122 (U)	0.368 (U)
2/14/2017	0.352 (U)	0.111 (U)	-0.026 (U)	-0.0166 (U)	0.207 (U)	0.237 (U)	0.302 (U)	0.166 (U)	0.328 (U)
4/10/2017						0.00056 (U)			
4/11/2017	0.274 (U)	0.195 (U)	0.135 (U)	-0.168 (U)	0.219 (U)		-0.0184 (U)		
4/12/2017								0.355 (U)	0.206 (U)
6/26/2017	0.36	0.0975 (U)	0.332 (U)	0.184 (U)	0.151 (U)	-0.257 (U)			
6/27/2017							-0.0536 (U)	0.0783 (U)	0.598
3/26/2018	0.522	0.124 (U)	0.226 (U)			0.141 (U)			
3/27/2018				0.164 (U)	0.252 (U)		0.207 (U)	0.0443 (U)	0.546
6/5/2018	0.106 (U)	0.0496 (U)			0.255 (U)	0.163 (U)	-0.0364 (U)		
6/6/2018			0.175 (U)	0.308				0.127 (U)	0.165 (U)
10/5/2018	0.522	0.474	0.5			0.568			
10/8/2018				-0.0974 (U)	0.764		0.478	0.77	
10/9/2018									0.385
2/18/2019	0.362	0.25 (U)		0.0112 (U)					
2/19/2019			0.231 (U)		0.044 (U)	0.14 (U)	0.32 (U)		
2/20/2019								0.25 (U)	0.433
3/28/2019			0.31 (U)	0.0974 (U)	0.115 (U)		0.0254 (U)		
3/29/2019	0.311 (U)	-0.0232 (U)				0.0992 (U)			
4/1/2019									0.675
4/2/2019								0.3 (U)	
9/12/2019					0.102 (U)				
9/13/2019						0.339 (U)			
9/16/2019	0.157 (U)	-0.245 (U)	0.333 (U)	0.0843 (U)				0.0805 (U)	
9/17/2019									0.341 (U)
12/3/2019							-0.0712 (U)		
2/13/2020	0.152 (U)	0.205 (U)				0.287 (U)			
2/17/2020					-0.0291 (U)		-0.0319 (U)		
2/18/2020			0.313 (U)	0.199 (U)				-0.0675 (U)	0.326 (U)
3/17/2020		0.582 (U)	-0.0428 (U)		-0.196 (U)		0.436 (U)		
3/18/2020	0.21 (U)			0.226 (U)		0.536			
3/25/2020								0.411 (U)	
3/26/2020									0.151 (U)
9/14/2020	-0.13 (U)	0.107 (U)	0.161 (U)	0.0399 (U)	-0.949 (U)	0.637 (U)	-0.197 (U)	0.334 (U)	0.123 (U)
2/9/2021	0.225 (U)	0.0251 (U)	0.259 (U)	0.0123 (U)	0.0364 (U)	0.151 (U)	0.478	0.273 (U)	0.721
3/30/2021	0.408 (U)	0.311 (U)				-0.211 (U)			
3/31/2021			0.106 (U)	0.236 (U)	0.279 (U)				
4/1/2021								0.544	0.329 (U)
4/7/2021							0.0851 (U)		
8/17/2021	0.651	0.192 (U)		1.54			0.228 (U)		

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/18/2021			0.228 (U)		0.242 (U)	0.16 (U)		-0.0332 (U)	0.726
2/9/2022	0.147 (U)	0.307 (U)	0.198 (U)	0.0285 (U)	0.416		0.15 (U)	0.145 (U)	0.659
2/10/2022						0.0512 (U)			
8/17/2022	0.751	-0.129 (U)							
8/18/2022			0.849	0.647	0.592	0.263 (U)	0.371 (U)		0.309 (U)
8/19/2022								0.243 (U)	
2/21/2023	0.00883 (U)		0.324 (U)		0.575 (U)				
2/22/2023		-0.0355 (U)		0.0211 (U)				0.0662 (U)	-0.191 (U)
2/23/2023						0.355 (U)	-0.132 (U)		
8/1/2023	-0.296 (U)	0.00501 (U)			-0.205 (U)			0.11 (U)	
8/7/2023			1.66	0.724					
8/8/2023						-0.107 (U)	0.114 (U)		0.12 (U)
2/20/2024	0.509	0.612		0.444 (U)				0.538	
2/21/2024			0.481 (U)		-0.217 (U)	-0.0298 (U)			0.22 (U)
2/27/2024							0.383 (U)		
7/31/2024	0.343 (U)	0.614 (U)	-0.0503 (U)	0.559 (U)	0.0251 (U)	0.343 (U)	0.11 (U)		0.501
8/1/2024								0.506 (U)	
2/19/2025				0.501 (U)		-0.0866 (U)	0.566		0.477 (U)
2/20/2025	0.271 (U)	0.715	0.237 (U)		0.654			0.271 (U)	
7/24/2025	0.025 (U)	-0.052 (U)	0.427 (U)	0.306 (U)					
7/28/2025						0.185 (U)			
7/29/2025								0.603	
7/30/2025							0.326 (U)		1.39
7/31/2025					0.322 (U)				

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	2.05
6/23/2016	
6/24/2016	
6/27/2016	2.9
8/16/2016	
8/17/2016	2.57
10/13/2016	
10/14/2016	
10/17/2016	2.08
10/18/2016	
12/5/2016	
12/6/2016	2.25
2/14/2017	1.77
4/10/2017	
4/11/2017	
4/12/2017	2.72
6/26/2017	
6/27/2017	2.07
3/26/2018	
3/27/2018	2.3
6/5/2018	
6/6/2018	1.59
10/5/2018	
10/8/2018	
10/9/2018	3.01
2/18/2019	
2/19/2019	
2/20/2019	2.5
3/28/2019	
3/29/2019	
4/1/2019	1.91
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	2.04
12/3/2019	
2/13/2020	
2/17/2020	
2/18/2020	2.06
3/17/2020	
3/18/2020	
3/25/2020	2.99
3/26/2020	
9/14/2020	2.16
2/9/2021	2.92
3/30/2021	
3/31/2021	
4/1/2021	2.26
4/7/2021	
8/17/2021	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
8/18/2021	1.68
2/9/2022	
2/10/2022	2.08
8/17/2022	
8/18/2022	2.58
8/19/2022	
2/21/2023	
2/22/2023	0.866
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	1.75
2/20/2024	
2/21/2024	1.29
2/27/2024	
7/31/2024	
8/1/2024	1.4
2/19/2025	1.11
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	2.55
7/31/2025	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	0.134 (U)	0.26 (U)	0.182 (U)	0.433					
5/12/2016					0.0531 (U)	0.106 (U)	0.344 (U)	0.0196 (U)	0.134 (U)
5/13/2016									
6/28/2016		1.57	0.858	0.435	0.483	0.735	0.256	0.418	
6/29/2016	0.665								0.391
6/30/2016									
8/17/2016		0.548 (U)	0.367 (U)						
8/18/2016				0.214 (U)	0.286 (U)	0.212 (U)	0.503 (U)	0.199 (U)	0.498 (U)
8/22/2016	0.391 (U)								
10/17/2016		-0.0725 (U)	0.551	0.316 (U)	0.472	-0.187 (U)			
10/18/2016	0.521						0.171 (U)	0.0404 (U)	
10/19/2016									0.4795 (D)
12/6/2016		0.496	0.438	0.0575 (U)	0.903				
12/7/2016	0.367 (U)					0.701	0.375 (U)	0.426	0.239 (U)
2/15/2017		0.321 (U)	-0.0831 (U)	-0.0321 (U)	-0.223 (U)	0.155 (U)	0.0801 (U)		0.175 (U)
2/16/2017	0.076 (U)							0.163 (U)	
4/12/2017		-0.0397 (U)	0.343 (U)	0.00949 (U)	0.21 (U)	0.233 (U)	0.197 (U)		
4/13/2017	0.239 (U)							0.0522 (U)	-0.00846 (U)
6/27/2017	0.268 (U)	0.47	0.369	0.183 (U)	0.0574 (U)	0.302	0.0274 (U)	0.222 (U)	0.186 (U)
6/28/2017									
3/27/2018		0.136 (U)	0.172 (U)	0.445	0.145 (U)	0.306 (U)	0.285 (U)	0.387 (U)	0.249 (U)
3/28/2018	0.378								
6/6/2018	-0.0272 (U)	0.123 (U)	0.153 (U)	0.0775 (U)					
6/7/2018					0.235 (U)	0.211 (U)	0.64	0.283 (U)	0.172 (U)
6/8/2018									
10/8/2018				0.865	0.64	0.636		0.799	0.682
10/9/2018	0.565	0.387							
10/16/2018			1.06				0.731		
10/18/2018									
1/2/2019									
2/20/2019	0.425	0.0159 (U)	0.708	0.161 (U)	0.222 (U)	0.147 (U)	0.573	0.0684 (U)	0.278 (U)
4/1/2019	-0.0113 (U)	0.452	0.173 (U)	0.372	0.36	-0.138 (U)	0.0499 (U)		
4/2/2019								0.167 (U)	-0.0476 (U)
9/16/2019	-0.116 (U)		0.251 (U)	0.569 (U)					
9/17/2019		0.226 (U)			0.143 (U)	0.264 (U)	0.441 (U)	0.558	0.235 (U)
2/18/2020			0.203 (U)						
2/19/2020	0.0604 (U)	0.0222 (U)		0.166 (U)	0.218 (U)	0.0061 (U)	0.415 (U)	0.0321 (U)	0.217 (U)
2/20/2020									
3/24/2020									0.426
3/25/2020	0.206 (U)	0.253 (U)	0.204 (U)						
3/26/2020				0.604					
3/27/2020					0.235 (U)	0.206 (U)	0.39 (U)	0.305 (U)	
9/14/2020	0.502 (U)	0.125 (U)	-0.0264 (U)	0.575	0.613				
9/15/2020						0.131 (U)	0.546	-0.0426 (U)	0.661
2/9/2021	0.0162 (U)	-0.0573 (U)	0.114 (U)	0.146 (U)	0.307 (U)	-0.121 (U)	0.222 (U)	-0.00967 (U)	
2/10/2021									0.55
3/30/2021									
3/31/2021	0.153 (U)	0.188 (U)					0.311 (U)		
4/1/2021								0.0901 (U)	0.0517 (U)
4/6/2021						-0.0391 (U)			
4/7/2021			0.0576 (U)	0.0695 (U)	0.356 (U)				
8/18/2021									0.13 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2021	0.145 (U)	0.102 (U)	0.755		0.228 (U)	-0.0806 (U)	0.518	0.037 (U)	
8/20/2021				0.0109 (U)					
2/10/2022	0.179 (U)		0.11 (U)	0.279 (U)				0.595	
2/11/2022		0.436			0.631		0.5		0.233 (U)
2/14/2022						0.377 (U)			
8/18/2022	0.275 (U)		0.393 (U)	0.384 (U)	0.377 (U)				
8/19/2022		0.606				0.378 (U)	0.459		
8/23/2022									
8/31/2022								0.31 (U)	0.434 (U)
2/22/2023	0.473 (U)	0.285 (U)	-0.172 (U)						0.0917 (U)
2/23/2023				0.784	0.506 (U)	0.0406 (U)	0.0665 (U)	0.183 (U)	
8/2/2023			1.23		0.631				
8/7/2023	0.619	0.0602 (U)		0.366 (U)			0.819		0.262 (U)
8/8/2023						0.177 (U)		0.0269 (U)	
2/21/2024	-0.0257 (U)								
2/23/2024		0.587	0.189 (U)	0.612	0.242 (U)				
2/26/2024							0.353 (U)	0.633	0.559 (U)
2/27/2024						0.788			
8/1/2024	0.379 (U)		0.43 (U)	0.476 (U)	0.133 (U)	0.159 (U)	0.643	0.219 (U)	
8/5/2024		0.411 (U)							0.199 (U)
2/19/2025	0.132 (U)	0.792		-0.324 (U)	0.0616 (U)	0.0778 (U)		0.0992 (U)	0.173 (U)
2/20/2025			0.388 (U)				0.586 (U)		
2/21/2025									
7/23/2025								-0.0827 (U)	1.21
7/25/2025									
7/30/2025	1.4	0.77			1.03		0.588 (U)		
7/31/2025			0.316 (U)	0.534 (U)		0.365 (U)			

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	0.103 (U)
6/28/2016	
6/29/2016	
6/30/2016	0.593
8/17/2016	
8/18/2016	
8/22/2016	0.17 (U)
10/17/2016	
10/18/2016	
10/19/2016	0.433
12/6/2016	
12/7/2016	0.435 (U)
2/15/2017	
2/16/2017	0.101 (U)
4/12/2017	
4/13/2017	-0.0014 (U)
6/27/2017	
6/28/2017	0.512
3/27/2018	
3/28/2018	0.428
6/6/2018	
6/7/2018	
6/8/2018	0.32 (U)
10/8/2018	
10/9/2018	
10/16/2018	
10/18/2018	0.304 (U)
1/2/2019	0.217 (U)
2/20/2019	0.139 (U)
4/1/2019	
4/2/2019	0.336 (U)
9/16/2019	
9/17/2019	0.449
2/18/2020	
2/19/2020	
2/20/2020	0.22 (U)
3/24/2020	
3/25/2020	
3/26/2020	0.366 (U)
3/27/2020	
9/14/2020	
9/15/2020	1.74
2/9/2021	
2/10/2021	0.423 (U)
3/30/2021	0.439 (U)
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	0.277 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2021	
8/20/2021	
2/10/2022	0.244 (U)
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	0.345 (U)
8/31/2022	
2/22/2023	0.0285 (U)
2/23/2023	
8/2/2023	
8/7/2023	-0.16 (U)
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	0.591
8/1/2024	
8/5/2024	-0.0506 (U)
2/19/2025	
2/20/2025	
2/21/2025	-0.00614 (U)
7/23/2025	
7/25/2025	0.318 (U)
7/30/2025	
7/31/2025	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		0.556	0.216 (U)	0.285 (U)	0.801				
5/13/2016	-0.115 (U)								
6/29/2016	0.396	0.162	0.253	1.1	0.423				
8/19/2016				0.367 (U)	0.869				
8/22/2016	-0.102 (U)	0.433 (U)	0.115 (U)						
10/18/2016	0.352 (U)	0.741	0.593	0.276 (U)	0.881				
12/7/2016			0.897	0.318 (U)	0.455				
12/8/2016	0.431 (U)	1.06							
2/15/2017					0.635				
2/16/2017	0.146 (U)	0.382 (U)	0.132 (U)	0.168 (U)					
4/13/2017	0.127 (U)	0.189 (U)	0.287 (U)	0.3 (U)	0.413				
6/28/2017	0.11 (U)	0.84	0.143 (U)	0.0844 (U)	0.331 (U)				
3/27/2018					0.61				
3/28/2018	0.247 (U)	0.334 (U)	0.38	0.0661 (U)					
6/7/2018		0.235 (U)	0.514	0.222 (U)	0.64				
6/8/2018	0.0462 (U)								
10/8/2018			0.374	0.499	0.437				
10/9/2018	0.584								
10/17/2018									0.0623 (U)
10/18/2018		0.399						0.882	
1/10/2019							0.328 (U)		
2/19/2019				0.532	0.301 (U)				
2/20/2019	0.114 (U)	0.353	0.239 (U)						
4/2/2019	0.11 (U)	0.271 (U)	0.218 (U)	0.313 (U)	0.516				
9/17/2019	0.302 (U)	0.591	-0.04 (U)						
9/18/2019				0.101 (U)	0.285 (U)				
2/18/2020		0.474	0.287 (U)	0.0109 (U)	0.399		0.163 (U)		
2/19/2020	0.308 (U)								
3/23/2020	0.171 (U)	0.258 (U)	0.384						
3/24/2020				0.188 (U)	0.183 (U)				
9/15/2020	1.55	0.831	1.6	1.82	1.03				
2/10/2021	0.235 (U)	0.331 (U)	0.5	0.167 (U)	0.46				
3/30/2021	0.511	0.572	0.955						
3/31/2021				0.0687 (U)	0.37 (U)				
8/18/2021			0.505	0.026 (U)	0.603				
8/19/2021	-0.0514 (U)	-0.21 (U)							
2/8/2022						-0.0564 (U)	0.0627 (U)		
2/9/2022								0.31 (U)	0.332 (U)
2/10/2022				0.346 (U)	0.204 (U)				
2/11/2022	0.456 (U)	0.259 (U)	0.689						
8/22/2022	0.356 (U)	0.475 (U)	0.565	0.632	0.0738 (U)				
8/23/2022							0.432 (U)		0.565
8/24/2022						0.234 (U)		0.125 (U)	
2/22/2023	0.297 (U)	0.154 (U)							
2/23/2023			0.526 (U)	0.322 (U)	0.314 (U)	-0.0151 (U)	0.413 (U)	0.255 (U)	
2/24/2023									0.131 (U)
8/1/2023							0.451 (U)	0.207 (U)	
8/2/2023						0.262 (U)			0.537 (U)
8/7/2023	0.132 (U)	0.0467 (U)		0.268 (U)					
8/8/2023			0.496 (U)		0.0999 (U)				
2/20/2024	0.544								
2/21/2024				0.289 (U)	0.412 (U)	0.00672 (U)			

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
2/26/2024		0.357 (U)						5.77	
2/27/2024			2.32						0.503 (U)
2/28/2024							0.103 (U)		
5/6/2024								-0.0141 (U)	
8/1/2024	0.419 (U)							0.768	
8/2/2024		-0.0292 (U)	0.516 (U)	0.843 (U)	0.358 (U)				
8/5/2024						-0.0162 (U)	0.127 (U)		
8/6/2024									-0.113 (U)
2/19/2025						0.124 (U)	0.371 (U)		
2/20/2025		0.218 (U)	0.603 (U)	0.0727 (U)					
2/21/2025	-0.32 (U)				0.869			-0.293 (U)	
2/24/2025									0.112 (U)
7/24/2025	0.35 (U)	0.49 (U)							
7/28/2025			0.353 (U)	0.319 (U)	0.259 (U)				
7/29/2025							0.213 (U)	-0.0063 (U)	0.389 (U)
7/30/2025						0.516 (U)			

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
3/27/2018	
3/28/2018	
6/7/2018	
6/8/2018	
10/8/2018	
10/9/2018	
10/17/2018	
10/18/2018	1.59
1/10/2019	
2/19/2019	
2/20/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
2/10/2021	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	0.366 (U)
2/11/2022	
8/22/2022	
8/23/2022	0.986
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	0.714
8/1/2023	0.488 (U)
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	
2/21/2024	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
2/26/2024	
2/27/2024	1.88
2/28/2024	
5/6/2024	
8/1/2024	
8/2/2024	
8/5/2024	0.228 (U)
8/6/2024	
2/19/2025	
2/20/2025	0.363 (U)
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	1
7/30/2025	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				0.551 (U)					
10/18/2018	0.698	0.188 (U)	1.64						
1/3/2019									0.786 (U)
1/8/2019								0.158 (U)	
2/18/2020								0.162 (U)	
2/19/2020	0.216 (U)								0.355
2/9/2022	0.229 (U)	0.274 (U)	0.412 (U)	0.237 (U)					
2/10/2022					0.418 (U)				
8/22/2022		0.401 (U)							
8/24/2022	0.456		0.241 (U)	0.0981 (U)	0.458				
2/23/2023	0.168 (U)	0.651							
2/24/2023			0.602		-0.097 (U)				
2/28/2023				-0.0607 (U)					
8/2/2023	-0.192 (U)	0.426 (U)	0.256 (U)	-0.0242 (U)	0.374 (U)				
2/23/2024				1.33	0.912				
2/27/2024	0.0662 (U)	0.116 (U)	0.518 (U)						
8/1/2024				0.567					
8/2/2024			0.122 (U)		0.669				
8/5/2024		0.324 (U)							
8/6/2024	-0.145 (U)								
2/20/2025		1.35							
2/21/2025	0.457 (U)								
2/24/2025			0.0441 (U)	0.0662 (U)	0.347 (U)				
7/29/2025	0.135 (U)	0.752	0.389 (U)	0.176 (U)	0.947	0.586 (U)	0.841 (U)		
10/8/2025								0.901 (U)	0.253 (U)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.2	0.0537 (J)	0.0192 (J)		0.0188 (J)	0.0648 (J)	0.041 (J)		
5/11/2016				0.108 (J)				0.133 (J)	0.245 (J)
6/23/2016	<0.2	0.03 (J)			<0.2	0.05 (J)			
6/24/2016			0.02 (J)	0.08 (J)					
6/27/2016							0.03 (J)	0.21 (J)	0.23 (J)
8/16/2016	<0.2	<0.2	<0.2		<0.2	<0.2			
8/17/2016				<0.2			<0.2	0.14 (J)	0.22
10/13/2016	<0.2					<0.2			
10/14/2016		<0.2	<0.2		<0.2		<0.2		
10/17/2016				<0.2				0.11 (J)	
10/18/2016									0.24
12/5/2016						<0.2			
12/6/2016	<0.2	<0.2	<0.2	0.091 (J)	<0.2		<0.2	0.14 (J)	0.26
2/14/2017	<0.2	<0.2	<0.2	0.1 (J)	<0.2	<0.2	<0.2	0.2	0.17 (J)
4/10/2017						<0.2			
4/11/2017	<0.2	<0.2	<0.2	<0.2	<0.2		<0.2		
4/12/2017								0.089 (J)	0.2
6/26/2017	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2			
6/27/2017							<0.2	0.085 (J)	0.23
10/10/2017	<0.2	<0.2				<0.2			
10/11/2017			<0.2	<0.2	<0.2		<0.2	0.089 (J)	0.21
10/12/2017									
3/26/2018	<0.2	<0.2	<0.2			<0.2			
3/27/2018				<0.2	<0.2		<0.2	<0.2	0.19 (J)
6/5/2018	<0.2	<0.2			<0.2	<0.2	<0.2		
6/6/2018			<0.2	<0.2				<0.2	0.2
10/5/2018	<0.2	<0.2	<0.2			<0.2			
10/8/2018				<0.2	<0.2		<0.2	<0.2	
10/9/2018									0.2
2/18/2019	<0.2	0.05 (J)		0.066 (J)					
2/19/2019			<0.2		<0.2	0.06 (J)	0.044 (J)		
2/20/2019								0.092 (J)	0.2
3/28/2019			0.026 (J)	0.052 (J)	<0.2		0.037 (J)		
3/29/2019	<0.2	0.053 (J)				0.056 (J)			
4/1/2019									0.12 (J)
4/2/2019								0.1 (J)	
9/12/2019					<0.2				
9/13/2019						0.049 (J)			
9/16/2019	<0.2	0.054 (J)	0.026 (J)	0.055 (J)			0.04 (J)	0.099 (J)	
9/17/2019									0.2
2/13/2020	<0.2	0.051 (J)				0.066 (J)			
2/17/2020					<0.2		0.041 (J)		
2/18/2020			<0.2	0.068 (J)				0.11	0.2
3/17/2020		0.038 (J)	0.029 (J)		0.03 (J)		0.041 (J)		
3/18/2020	<0.2			<0.2		0.078 (J)			
3/25/2020								0.13	
3/26/2020									0.14
9/14/2020	<0.2	0.033 (J)	<0.2	0.035 (J)	<0.2	0.038 (J)	0.028 (J)	0.076 (J)	0.11
2/9/2021	<0.2	0.055 (J)	<0.2	0.059 (J)	<0.2	0.059 (J)	0.037 (J)	0.12	0.22
3/30/2021	<0.2	0.048 (J)				0.052 (J)			
3/31/2021			<0.2	0.051 (J)	<0.2				
4/1/2021								0.14	0.25

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
4/7/2021							0.054 (J)		
8/17/2021	0.052 (J)	0.096 (J)		0.093 (J)			0.079 (J)		
8/18/2021			0.066 (J)		0.07 (J)	0.16		0.19	0.31
2/9/2022	0.034 (J)	0.11	0.049 (J)	0.083 (J)	0.044 (J)		0.069 (J)	0.19	0.27
2/10/2022						0.061 (J)			
8/17/2022	0.088 (J)	0.076 (J)							
8/18/2022			0.034 (J)	0.056 (J)	0.036 (J)	0.051 (J)	0.044 (J)		0.14
8/19/2022								0.12	
2/21/2023	0.048 (J)		0.041 (J)		0.039 (J)				
2/22/2023		0.07 (J)		0.6 (O)				0.11	0.16
2/23/2023						0.074 (J)	0.075 (J)		
8/1/2023	<0.2	0.077 (J)			<0.2			0.13	
8/7/2023			<0.2	0.07 (J)					
8/8/2023						0.077 (J)	0.048 (J)		0.21
2/20/2024	<0.2	<0.2		<0.2				<0.2	
2/21/2024			<0.2		<0.2	<0.2			<0.2
2/27/2024							<0.2		
7/31/2024	<0.2	0.05 (J)	<0.2	0.04 (J)	<0.2	0.06 (J)	<0.2		0.17
8/1/2024								0.11	
2/19/2025				<0.2		<0.2	<0.2		0.23
2/20/2025	<0.2	<0.2	<0.2		<0.2			<0.2	
7/24/2025	<0.2	0.14 (J)	0.12 (J)	0.13 (J)					
7/28/2025						0.15 (J)			
7/29/2025								0.19 (J)	
7/30/2025							<0.2		0.25
7/31/2025					0.11 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	0.362
6/23/2016	
6/24/2016	
6/27/2016	0.45
8/16/2016	
8/17/2016	0.54
10/13/2016	
10/14/2016	
10/17/2016	0.51
10/18/2016	
12/5/2016	
12/6/2016	0.58
2/14/2017	0.39
4/10/2017	
4/11/2017	
4/12/2017	0.41
6/26/2017	
6/27/2017	0.47
10/10/2017	
10/11/2017	
10/12/2017	0.47
3/26/2018	
3/27/2018	0.4
6/5/2018	
6/6/2018	0.4
10/5/2018	
10/8/2018	
10/9/2018	0.47
2/18/2019	
2/19/2019	
2/20/2019	0.32
3/28/2019	
3/29/2019	
4/1/2019	0.21
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	0.47
2/13/2020	
2/17/2020	
2/18/2020	0.38
3/17/2020	
3/18/2020	
3/25/2020	0.31
3/26/2020	
9/14/2020	0.29
2/9/2021	0.37
3/30/2021	
3/31/2021	
4/1/2021	0.38

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
4/7/2021	
8/17/2021	
8/18/2021	0.48
2/9/2022	
2/10/2022	0.44
8/17/2022	
8/18/2022	0.54
8/19/2022	
2/21/2023	
2/22/2023	0.52
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	0.78
2/20/2024	
2/21/2024	1.1 (J)
2/27/2024	
7/31/2024	
8/1/2024	0.64
2/19/2025	0.17 (J)
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	0.47
7/31/2025	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	0.076 (J)	0.019 (J)	0.033 (J)	0.11 (J)					
5/12/2016					0.042 (J)	0.031 (J)	0.1071 (J)	0.011 (J)	0.066 (J)
5/13/2016									
6/28/2016		<0.2	0.08 (J)	0.18 (J)	0.15 (J)	0.03 (J)	0.26 (J)	0.09 (J)	
6/29/2016	0.13 (J)								0.17 (J)
6/30/2016									
8/17/2016		<0.2	<0.2						
8/18/2016				0.12 (J)	<0.2	<0.2	0.14 (J)	<0.2	<0.2
8/22/2016	<0.2								
10/17/2016		<0.2	<0.2	0.082 (J)	<0.2	<0.2			
10/18/2016	<0.2						0.12 (J)	<0.2	
10/19/2016									<0.2
12/6/2016		<0.2	<0.2	0.11 (J)	<0.2				
12/7/2016	<0.2					<0.2	0.13 (J)	<0.2	<0.2
2/15/2017		<0.2	<0.2	0.13 (J)	<0.2	<0.2	0.12 (J)		0.089 (J)
2/16/2017	0.097 (J)							<0.2	
4/12/2017		<0.2	<0.2	0.088 (J)	<0.2	<0.2	0.11 (J)		
4/13/2017	<0.2							<0.2	<0.2
6/27/2017	<0.2	<0.2	<0.2	0.1 (J)	<0.2	<0.2	0.13 (J)	<0.2	<0.2
6/28/2017									
10/11/2017			<0.2	<0.2	<0.2	<0.2			
10/12/2017	<0.2	<0.2					0.13 (J)	<0.2	<0.2
3/27/2018		<0.2	<0.2	<0.2	<0.2	<0.2	0.12 (J)	<0.2	<0.2
3/28/2018	<0.2								
6/6/2018	<0.2	<0.2	<0.2	<0.2					
6/7/2018					<0.2	<0.2	0.14 (J)	<0.2	<0.2
6/8/2018									
10/8/2018				<0.2	<0.2	<0.2		<0.2	<0.2
10/9/2018	<0.2	<0.2							
10/16/2018			<0.2				0.14 (J)		
10/18/2018									
1/2/2019									
2/20/2019	0.074 (J)	<0.2	<0.2	0.052 (J)	<0.2	<0.2	0.33	<0.2	0.034 (J)
4/1/2019	0.041 (J)	<0.2	<0.2	0.048 (J)	<0.2	<0.2	0.072 (J)		
4/2/2019								<0.2	0.045 (J)
9/16/2019	0.057 (J)		<0.2	0.065 (J)					
9/17/2019		<0.2			0.04 (J)	0.028 (J)	0.1	<0.2	0.047 (J)
2/18/2020			<0.2						
2/19/2020	0.061 (J)	<0.2		0.064 (J)	0.027 (J)	0.026 (J)	0.13	<0.2	0.046 (J)
2/20/2020									
3/24/2020									0.058 (J)
3/25/2020	0.079 (J)	0.031 (J)	0.058 (J)						
3/26/2020				0.081 (J)					
3/27/2020					0.045 (J)	0.041 (J)	0.13	0.027 (J)	
9/14/2020	0.037 (J)	<0.2	<0.2	0.042 (J)	<0.2				
9/15/2020						0.04 (J)	0.15	0.037 (J)	0.052 (J)
2/9/2021	0.05 (J)	<0.2	<0.2	0.074 (J)	<0.2	<0.2	0.14	<0.2	
2/10/2021									0.03 (J)
3/30/2021									
3/31/2021	0.073 (J)	0.047 (J)					0.12		
4/1/2021								<0.2	0.051 (J)
4/6/2021						<0.2			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
4/7/2021			<0.2	0.066 (J)	0.053 (J)				
8/18/2021									0.087 (J)
8/19/2021	0.078 (J)	<0.2	<0.2		<0.2	<0.2	0.12	0.038 (J)	
8/20/2021				0.082 (J)					
2/10/2022	0.098 (J)		<0.2	0.06 (J)				<0.2	
2/11/2022		0.03 (J)			0.045 (J)		0.14		0.064 (J)
2/14/2022						0.035 (J)			
8/18/2022	0.51		0.034 (J)	0.052 (J)	0.038 (J)				
8/19/2022		<0.2				<0.2	0.11		
8/23/2022									
8/31/2022								0.058 (J)	0.058 (J)
2/22/2023	0.076 (J)	0.045 (J)	0.063 (J)						0.06 (J)
2/23/2023				0.089 (J)	0.077 (J)	0.068 (J)	0.11	0.045 (J)	
8/2/2023			<0.2		<0.2				
8/7/2023	0.11	<0.2		0.078 (J)			0.13		0.076 (J)
8/8/2023						<0.2		<0.2	
2/21/2024	<0.2								
2/23/2024		<0.2	<0.2	<0.2	<0.2				
2/26/2024							<0.2	<0.2	<0.2
2/27/2024						<0.2			
8/1/2024	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
8/5/2024		<0.2							<0.2
2/19/2025	<0.2	<0.2		<0.2	<0.2	<0.2		<0.2	<0.2
2/20/2025			<0.2				<0.2		
2/21/2025									
7/23/2025								0.14 (J)	0.14 (J)
7/25/2025									
7/30/2025	0.13 (J)	0.15 (J)			0.083 (J)		0.18 (J)		
7/31/2025			0.12 (J)	0.16 (J)		0.13 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	0.0343 (J)
6/28/2016	
6/29/2016	
6/30/2016	0.18 (J)
8/17/2016	
8/18/2016	
8/22/2016	<0.2
10/17/2016	
10/18/2016	
10/19/2016	<0.2
12/6/2016	
12/7/2016	<0.2
2/15/2017	
2/16/2017	<0.2
4/12/2017	
4/13/2017	<0.2
6/27/2017	
6/28/2017	<0.2
10/11/2017	
10/12/2017	<0.2
3/27/2018	
3/28/2018	<0.2
6/6/2018	
6/7/2018	
6/8/2018	<0.2
10/8/2018	
10/9/2018	
10/16/2018	
10/18/2018	<0.2
1/2/2019	<0.2
2/20/2019	<0.2
4/1/2019	
4/2/2019	0.05 (J)
9/16/2019	
9/17/2019	0.034 (J)
2/18/2020	
2/19/2020	
2/20/2020	<0.2
3/24/2020	
3/25/2020	
3/26/2020	0.091 (J)
3/27/2020	
9/14/2020	
9/15/2020	<0.2
2/9/2021	
2/10/2021	<0.2
3/30/2021	0.1 (J)
3/31/2021	
4/1/2021	
4/6/2021	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
4/7/2021	
8/18/2021	0.099 (J)
8/19/2021	
8/20/2021	
2/10/2022	0.039 (J)
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	0.1 (J)
8/31/2022	
2/22/2023	0.061 (J)
2/23/2023	
8/2/2023	
8/7/2023	0.043 (J)
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	<0.2
8/1/2024	
8/5/2024	<0.2
2/19/2025	
2/20/2025	
2/21/2025	<0.2
7/23/2025	
7/25/2025	0.13 (J)
7/30/2025	
7/31/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		0.259 (J)	0.079 (J)	0.029 (J)	0.0341 (J)				
5/13/2016	0.0126 (J)								
6/29/2016	0.18 (J)	0.45	0.15 (J)	0.04 (J)	0.04 (J)				
8/19/2016				<0.2	<0.2				
8/22/2016	<0.2	0.33	0.083 (J)						
10/18/2016	<0.2	0.26	<0.2	<0.2	<0.2				
12/7/2016			<0.2	<0.2	<0.2				
12/8/2016	<0.2	0.28							
2/15/2017					0.092 (J)				
2/16/2017	<0.2	0.28	0.12 (J)	0.1 (J)					
4/13/2017	<0.2	0.2	<0.2	<0.2	<0.2				
6/28/2017	<0.2	0.22	0.1 (J)	<0.2	<0.2				
10/12/2017	<0.2	0.18 (J)	<0.2	<0.2	<0.2				
3/27/2018					<0.2				
3/28/2018	<0.2	0.19 (J)	<0.2	<0.2					
6/7/2018		0.21	<0.2	<0.2	<0.2				
6/8/2018	<0.2								
10/8/2018			<0.2	<0.2	<0.2				
10/9/2018	<0.2								
10/17/2018									0.087 (J)
10/18/2018		0.23						<0.2	
1/10/2019							<0.2		
2/19/2019				<0.2	0.055 (J)				
2/20/2019	<0.2	0.2	0.051 (J)						
4/2/2019	<0.2	0.15 (J)	0.066 (J)	<0.2	0.036 (J)				
9/17/2019	<0.2	0.14	0.077 (J)						
9/18/2019				0.028 (J)	0.044 (J)				
2/13/2020							<0.2		
2/18/2020		0.16	0.073 (J)	<0.2	0.082 (J)				
2/19/2020	<0.2								
3/23/2020	0.057 (J)	0.25	0.11						
3/24/2020				<0.2	0.081 (J)				
9/15/2020	<0.2	0.15	0.061 (J)	<0.2	0.052 (J)				
2/10/2021	<0.2	0.19	0.049 (J)	<0.2	0.046 (J)				
3/30/2021	<0.2	0.18	0.074 (J)						
3/31/2021				<0.2	0.046 (J)				
8/18/2021			0.12	0.054 (J)	0.11				
8/19/2021	<0.2	0.17							
2/8/2022						<0.2	<0.2		
2/9/2022								0.028 (J)	<0.2
2/10/2022				<0.2	0.066 (J)				
2/11/2022	<0.2	0.14	0.092 (J)						
8/22/2022	0.041 (J)	0.22	0.09 (J)	0.038 (J)	0.052 (J)				
8/23/2022							0.029 (J)		0.043 (J)
8/24/2022						0.069 (J)		0.046 (J)	
2/22/2023	0.046 (J)	0.13							
2/23/2023			0.087 (J)	0.075 (J)	0.089 (J)	0.042 (J)	0.043 (J)	0.049 (J)	
2/24/2023									0.062 (J)
8/1/2023							<0.2	0.052 (J)	
8/2/2023						<0.2			0.04 (J)
8/7/2023	<0.2	0.18		0.04 (J)					
8/8/2023			0.097 (J)		0.077 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
2/20/2024	<0.2								
2/21/2024				<0.2	<0.2	<0.2			
2/26/2024		<0.2						<0.2	
2/27/2024			<0.2						<0.2
2/28/2024							<0.2		
8/1/2024	<0.2							<0.2	
8/2/2024		<0.2	<0.2	<0.2	0.082 (J)				
8/5/2024						<0.2	<0.2		
8/6/2024									<0.2
2/19/2025						<0.2	<0.2		
2/20/2025		<0.2	<0.2	<0.2					
2/21/2025	<0.2				<0.2			<0.2	
2/24/2025									<0.2
7/24/2025	0.082 (J)	0.2							
7/28/2025			0.11 (J)	0.082 (J)	0.19 (J)				
7/29/2025							0.092 (J)	0.2	<0.2
7/30/2025						0.11 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
10/12/2017	
3/27/2018	
3/28/2018	
6/7/2018	
6/8/2018	
10/8/2018	
10/9/2018	
10/17/2018	
10/18/2018	<0.2
1/10/2019	
2/19/2019	
2/20/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
2/10/2021	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	<0.2
2/11/2022	
8/22/2022	
8/23/2022	0.036 (J)
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	0.047 (J)
8/1/2023	<0.2
8/2/2023	
8/7/2023	
8/8/2023	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
2/20/2024	
2/21/2024	
2/26/2024	
2/27/2024	<0.2
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	<0.2
8/6/2024	
2/19/2025	
2/20/2025	<0.2
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	0.1 (J)
7/30/2025	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				<0.2					
10/18/2018	<0.2	0.083 (J)	<0.2						
1/3/2019									<0.2
1/8/2019								<0.2	
2/13/2020									0.038 (J)
2/14/2020								0.043 (J)	
2/19/2020	<0.2								
2/9/2022	<0.2	0.033 (J)	0.028 (J)	<0.2					
2/10/2022					0.15				
8/22/2022		0.043 (J)							
8/24/2022	0.035 (J)		0.037 (J)	0.031 (J)	0.21				
2/23/2023	0.06 (J)	0.079 (J)							
2/24/2023			0.042 (J)		0.083 (J)				
2/28/2023				0.034 (J)					
8/2/2023	<0.2	0.053 (J)	<0.2	<0.2	0.087 (J)				
2/23/2024				<0.2	<0.2				
2/27/2024	<0.2	<0.2	<0.2						
8/1/2024				<0.2					
8/2/2024			<0.2		<0.2				
8/5/2024		<0.2							
8/6/2024	<0.2								
2/20/2025		<0.2							
2/21/2025	<0.2								
2/24/2025			<0.2	<0.2	<0.2				
7/29/2025	<0.2	0.11 (J)	0.13 (J)	0.11 (J)	0.13 (J)	0.12 (J)	0.087 (J)		
10/8/2025								0.19 (J)	0.14 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		
5/11/2016				<0.001				<0.001	<0.001
6/23/2016	<0.001	<0.001			<0.001	0.0001 (J)			
6/24/2016			<0.001	<0.001					
6/27/2016							<0.001	<0.001	<0.001
8/16/2016	<0.001	<0.001	<0.001		<0.001	<0.001			
8/17/2016				<0.001			<0.001	<0.001	0.00085 (J)
10/13/2016	<0.001					<0.001			
10/14/2016		<0.001	<0.001		<0.001		<0.001		
10/17/2016				<0.001				<0.001	
10/18/2016									<0.001
12/5/2016						<0.001			
12/6/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/14/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017						<0.001			
4/11/2017	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		
4/12/2017								<0.001	<0.001
6/26/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
6/27/2017							<0.001	<0.001	<0.001
3/26/2018	<0.001	<0.001	<0.001			<0.001			
3/27/2018				<0.001	<0.001		<0.001	<0.001	<0.001
6/5/2018	<0.001	<0.001			<0.001	<0.001	<0.001		
6/6/2018			<0.001	<0.001				<0.001	<0.001
10/5/2018	<0.001	<0.001	<0.001			<0.001			
10/8/2018				<0.001	<0.001		<0.001	<0.001	
10/9/2018									<0.001
2/18/2019	<0.001	<0.001		<0.001					
2/19/2019			<0.001		<0.001	<0.001	<0.001		
2/20/2019								<0.001	<0.001
3/28/2019			<0.001	<0.001	<0.001		<0.001		
3/29/2019	<0.001	<0.001				<0.001			
4/1/2019									<0.001
4/2/2019								<0.001	
9/12/2019					<0.001				
9/13/2019						0.00014 (J)			
9/16/2019	<0.001	<0.001	0.00017 (J)	<0.001			<0.001	<0.001	
9/17/2019									<0.001
2/13/2020	<0.001	<0.001				<0.001			
2/17/2020					<0.001		<0.001		
2/18/2020			<0.001	<0.001				<0.001	<0.001
3/17/2020		<0.001	<0.001		<0.001		<0.001		
3/18/2020	0.00022 (J)			0.00021 (J)		0.00022 (J)			
3/25/2020								0.0002 (J)	
3/26/2020									<0.001
9/14/2020	<0.001	<0.001	<0.001	<0.001	<0.001	0.00014 (J)	<0.001	<0.001	<0.001
2/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00014 (J)
3/30/2021	<0.001	<0.001				<0.001			
3/31/2021			<0.001	<0.001	<0.001				
4/1/2021								<0.001	0.00015 (J)
4/7/2021							<0.001		
8/17/2021	<0.001	<0.001		<0.001			<0.001		
8/18/2021			<0.001		0.0003 (J)	0.00023 (J)		<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/10/2022						<0.001			
8/17/2022	0.00018 (J)	0.00044 (J)							
8/18/2022			<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/19/2022								<0.001	
2/21/2023	<0.001		<0.001		<0.001				
2/22/2023		<0.001		<0.001				<0.001	<0.001
2/23/2023						<0.001	<0.001		
8/1/2023	<0.001	<0.001			<0.001			<0.001	
8/7/2023			<0.001	<0.001					
8/8/2023						<0.001	<0.001		<0.001
2/20/2024	<0.001	<0.001		<0.001				<0.001	
2/21/2024			<0.001		<0.001	<0.001			<0.001
2/27/2024							<0.001		
7/31/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/1/2024								<0.001	
2/19/2025				<0.001		<0.001	<0.001		<0.001
2/20/2025	<0.001	<0.001	<0.001		<0.001			0.00054 (J)	
7/24/2025	<0.001	<0.001	<0.001	<0.001					
7/28/2025						<0.001			
7/29/2025								0.0026	
7/30/2025							<0.001		<0.001
7/31/2025					<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	<0.001
6/23/2016	
6/24/2016	
6/27/2016	<0.001
8/16/2016	
8/17/2016	<0.001
10/13/2016	
10/14/2016	
10/17/2016	<0.001
10/18/2016	
12/5/2016	
12/6/2016	<0.001
2/14/2017	<0.001
4/10/2017	
4/11/2017	
4/12/2017	<0.001
6/26/2017	
6/27/2017	<0.001
3/26/2018	
3/27/2018	<0.001
6/5/2018	
6/6/2018	<0.001
10/5/2018	
10/8/2018	
10/9/2018	<0.001
2/18/2019	
2/19/2019	
2/20/2019	<0.001
3/28/2019	
3/29/2019	
4/1/2019	<0.001
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	<0.001
2/13/2020	
2/17/2020	
2/18/2020	<0.001
3/17/2020	
3/18/2020	
3/25/2020	0.00029 (J)
3/26/2020	
9/14/2020	<0.001
2/9/2021	0.00062 (J)
3/30/2021	
3/31/2021	
4/1/2021	<0.001
4/7/2021	
8/17/2021	
8/18/2021	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
2/9/2022	
2/10/2022	<0.001
8/17/2022	
8/18/2022	<0.001
8/19/2022	
2/21/2023	
2/22/2023	<0.001
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	<0.001
2/20/2024	
2/21/2024	<0.001
2/27/2024	
7/31/2024	
8/1/2024	<0.001
2/19/2025	<0.001
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	<0.001
7/31/2025	

Time Series

Constituent: Lead (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	<0.001	<0.001	<0.001	<0.001					
5/12/2016					<0.001	<0.001	<0.001	<0.001	<0.001
5/13/2016									
6/28/2016		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
6/29/2016	<0.001								<0.001
6/30/2016									
8/17/2016		<0.001	<0.001						
8/18/2016				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/22/2016	<0.001								
10/17/2016		<0.001	<0.001	<0.001	<0.001	<0.001			
10/18/2016	<0.001						<0.001	<0.001	
10/19/2016									<0.001
12/6/2016		<0.001	<0.001	<0.001	<0.001				
12/7/2016	<0.001					<0.001	<0.001	<0.001	<0.001
2/15/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
2/16/2017	<0.001							<0.001	
4/12/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
4/13/2017	<0.001							<0.001	<0.001
6/27/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/28/2017									
3/27/2018		<0.001	<0.001	<0.001	0.00039 (J)	<0.001	<0.001	<0.001	<0.001
3/28/2018	<0.001								
6/6/2018	<0.001	<0.001	<0.001	<0.001					
6/7/2018					<0.001	<0.001	<0.001	<0.001	<0.001
6/8/2018									
10/8/2018				<0.001	<0.001	<0.001		<0.001	<0.001
10/9/2018	<0.001	<0.001							
10/16/2018			<0.001				<0.001		
10/18/2018									
1/2/2019									
2/20/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
4/2/2019								<0.001	<0.001
9/16/2019	<0.001		<0.001	<0.001					
9/17/2019		0.00013 (J)			<0.001	0.00016 (J)	<0.001	<0.001	<0.001
2/18/2020			<0.001						
2/19/2020	<0.001	0.00014 (J)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/20/2020									
3/24/2020									<0.001
3/25/2020	<0.001	<0.001	<0.001						
3/26/2020				<0.001					
3/27/2020					<0.001	0.00066 (J)	0.00023 (J)	0.00013 (J)	
9/14/2020	<0.001	<0.001	<0.001	<0.001	<0.001				
9/15/2020						<0.001	<0.001	<0.001	<0.001
2/9/2021	<0.001	0.00013 (J)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/10/2021									0.00017 (J)
3/30/2021									
3/31/2021	<0.001	<0.001					<0.001		
4/1/2021								<0.001	<0.001
4/6/2021						<0.001			
4/7/2021			<0.001	<0.001	<0.001				
8/18/2021									<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2021	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
8/20/2021				<0.001					
2/10/2022	<0.001		<0.001	0.0002 (J)				<0.001	
2/11/2022		<0.001			<0.001		<0.001		<0.001
2/14/2022						<0.001			
8/18/2022	<0.001		<0.001	<0.001	<0.001				
8/19/2022		<0.001				0.00028 (J)	<0.001		
8/23/2022									
8/31/2022								<0.001	<0.001
2/22/2023	<0.001	<0.001	<0.001						<0.001
2/23/2023				<0.001	<0.001	<0.001	<0.001	<0.001	
8/2/2023			<0.001		<0.001				
8/7/2023	<0.001	<0.001		<0.001			<0.001		<0.001
8/8/2023						<0.001		<0.001	
2/21/2024	<0.001								
2/23/2024		<0.001	<0.001	<0.001	0.00038 (J)				
2/26/2024							<0.001	<0.001	<0.001
2/27/2024						<0.001			
8/1/2024	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/5/2024		<0.001							<0.001
2/19/2025	<0.001	<0.001		<0.001	<0.001	<0.001		<0.001	<0.001
2/20/2025			<0.001				<0.001		
2/21/2025									
7/23/2025								0.0014	<0.001
7/25/2025									
7/30/2025	<0.001	<0.001			<0.001		<0.001		
7/31/2025			<0.001	<0.001		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	<0.001
6/28/2016	
6/29/2016	
6/30/2016	<0.001
8/17/2016	
8/18/2016	
8/22/2016	<0.001
10/17/2016	
10/18/2016	
10/19/2016	<0.001
12/6/2016	
12/7/2016	<0.001
2/15/2017	
2/16/2017	<0.001
4/12/2017	
4/13/2017	<0.001
6/27/2017	
6/28/2017	<0.001
3/27/2018	
3/28/2018	<0.001
6/6/2018	
6/7/2018	
6/8/2018	<0.001
10/8/2018	
10/9/2018	
10/16/2018	
10/18/2018	<0.001
1/2/2019	<0.001
2/20/2019	<0.001
4/1/2019	
4/2/2019	<0.001
9/16/2019	
9/17/2019	<0.001
2/18/2020	
2/19/2020	
2/20/2020	<0.001
3/24/2020	
3/25/2020	
3/26/2020	<0.001
3/27/2020	
9/14/2020	
9/15/2020	<0.001
2/9/2021	
2/10/2021	0.00029 (J)
3/30/2021	<0.001
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	0.00071 (J)

Time Series

Constituent: Lead (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2021	
8/20/2021	
2/10/2022	<0.001
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	<0.001
8/31/2022	
2/22/2023	<0.001
2/23/2023	
8/2/2023	
8/7/2023	<0.001
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	<0.001
8/1/2024	
8/5/2024	<0.001
2/19/2025	
2/20/2025	
2/21/2025	<0.001
7/23/2025	
7/25/2025	<0.001
7/30/2025	
7/31/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		<0.001	<0.001	<0.001	<0.001				
5/13/2016	<0.001								
6/29/2016	<0.001	0.0005 (J)	9E-05 (J)	<0.001	9E-05 (J)				
8/19/2016				<0.001	<0.001				
8/22/2016	<0.001	<0.001	<0.001						
10/18/2016	<0.001	<0.001	<0.001	<0.001	<0.001				
12/7/2016			<0.001	<0.001	<0.001				
12/8/2016	<0.001	<0.001							
2/15/2017					<0.001				
2/16/2017	<0.001	0.00035 (J)	<0.001	<0.001					
4/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001				
6/28/2017	<0.001	0.00041 (J)	<0.001	<0.001	<0.001				
3/27/2018					<0.001				
3/28/2018	<0.001	<0.001	<0.001	<0.001					
6/7/2018		<0.001	<0.001	<0.001	<0.001				
6/8/2018	<0.001								
10/8/2018			<0.001	<0.001	<0.001				
10/9/2018	<0.001								
10/17/2018									<0.001
10/18/2018		<0.001						<0.001	
1/10/2019							<0.001		
2/19/2019				<0.001	<0.001				
2/20/2019	<0.001	0.00027 (J)	<0.001						
4/2/2019	<0.001	<0.001	<0.001	<0.001	<0.001				
9/17/2019	<0.001	0.00025 (J)	<0.001						
9/18/2019				<0.001	<0.001				
2/13/2020							<0.001		
2/18/2020		0.00025 (J)	<0.001	0.00018 (J)	<0.001				
2/19/2020	<0.001								
3/23/2020	<0.001	0.00023 (J)	<0.001						
3/24/2020				<0.001	<0.001				
9/15/2020	<0.001	0.00017 (J)	0.00022 (J)	0.00019 (J)	<0.001				
2/10/2021	<0.001	0.0003 (J)	0.00016 (J)	0.00016 (J)	<0.001				
3/30/2021	<0.001	0.00018 (J)	0.0002 (J)						
3/31/2021				0.00015 (J)	<0.001				
8/18/2021			0.00041 (J)	<0.001	<0.001				
8/19/2021	<0.001	0.00034 (J)							
2/8/2022						<0.001	<0.001		
2/9/2022								<0.001	<0.001
2/10/2022				<0.001	<0.001				
2/11/2022	0.00033 (J)	0.00021 (J)	<0.001						
8/22/2022	<0.001	0.00028 (J)	0.0002 (J)	0.00017 (J)	<0.001				
8/23/2022							<0.001		<0.001
8/24/2022						<0.001		<0.001	
2/22/2023	<0.001	<0.001							
2/23/2023			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/24/2023									<0.001
8/1/2023							<0.001	<0.001	
8/2/2023						<0.001			<0.001
8/7/2023	<0.001	<0.001		<0.001					
8/8/2023			<0.001		<0.001				
2/20/2024	<0.001								

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
2/21/2024				<0.001	<0.001	<0.001			
2/26/2024		<0.001						<0.001	
2/27/2024			<0.001						<0.001
2/28/2024							<0.001		
8/1/2024	<0.001							<0.001	
8/2/2024		<0.001	<0.001	<0.001	<0.001				
8/5/2024						<0.001	<0.001		
8/6/2024									<0.001
2/19/2025						0.00069 (J)	<0.001		
2/20/2025		<0.001	0.0047	<0.001					
2/21/2025	<0.001				<0.001			<0.001	
2/24/2025									<0.001
7/24/2025	<0.001	<0.001							
7/28/2025			<0.001	<0.001	<0.001				
7/29/2025							<0.001	<0.001	<0.001
7/30/2025						<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
3/27/2018	
3/28/2018	
6/7/2018	
6/8/2018	
10/8/2018	
10/9/2018	
10/17/2018	
10/18/2018	<0.001
1/10/2019	
2/19/2019	
2/20/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
2/10/2021	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	<0.001
2/11/2022	
8/22/2022	
8/23/2022	<0.001
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	<0.001
8/1/2023	<0.001
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	

Time Series

Constituent: Lead (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
2/21/2024	
2/26/2024	
2/27/2024	<0.001
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	<0.001
8/6/2024	
2/19/2025	
2/20/2025	<0.001
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	<0.001
7/30/2025	

Time Series

Constituent: Lead (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				<0.001					
10/18/2018	<0.001	<0.001	<0.001						
1/3/2019									<0.001
1/8/2019								<0.001	
2/13/2020									<0.001
2/14/2020								<0.001	
2/19/2020	<0.001								
2/9/2022	<0.001	<0.001	<0.001	<0.001					
2/10/2022					<0.001				
8/22/2022		0.00019 (J)							
8/24/2022	<0.001		<0.001	<0.001	<0.001				
2/23/2023	<0.001	<0.001							
2/24/2023			<0.001		<0.001				
2/28/2023				<0.001					
8/2/2023	<0.001	<0.001	<0.001	<0.001	<0.001				
2/23/2024				<0.001	<0.001				
2/27/2024	<0.001	<0.001	<0.001						
8/1/2024				<0.001					
8/2/2024			<0.001		<0.001				
8/5/2024		<0.001							
8/6/2024	<0.001								
2/20/2025		<0.001							
2/21/2025	<0.001								
2/24/2025			<0.001	<0.001	<0.001				
7/29/2025	<0.001	0.0016	<0.001	<0.001	<0.001	<0.001	<0.001		
10/8/2025								<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02		
5/11/2016				<0.02				<0.02	<0.02
6/23/2016	0.0013 (J)	<0.02			<0.02	<0.02			
6/24/2016			<0.02	<0.02					
6/27/2016							<0.02	<0.02	0.0031 (J)
8/16/2016	<0.02	<0.02	<0.02		<0.02	<0.02			
8/17/2016				<0.02			<0.02	<0.02	0.0046 (J)
10/13/2016	<0.02					<0.02			
10/14/2016		<0.02	<0.02		<0.02		<0.02		
10/17/2016				<0.02				<0.02	
10/18/2016									0.0036 (J)
12/5/2016						<0.02			
12/6/2016	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	0.0043 (J)
2/14/2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0043 (J)
4/10/2017						<0.02			
4/11/2017	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02		
4/12/2017								<0.02	0.0051
6/26/2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02			
6/27/2017							<0.02	<0.02	0.0033 (J)
3/26/2018	0.0024 (J)	<0.02	0.0013 (J)			<0.02			
3/27/2018				<0.02	0.0017 (J)		<0.02	<0.02	0.0061
6/5/2018	0.0018 (J)	<0.02			<0.02	0.0011 (J)	0.0015 (J)		
6/6/2018			<0.02	<0.02				<0.02	0.004 (J)
10/5/2018	0.0018 (J)	<0.02	<0.02			0.0012 (J)			
10/8/2018				<0.02	<0.02		<0.02	<0.02	
10/9/2018									0.0053
2/18/2019	<0.02	<0.02		<0.02					
2/19/2019			<0.02		<0.02	<0.02	<0.02		
2/20/2019								<0.02	0.006
3/28/2019			<0.02	<0.02	<0.02		<0.02		
3/29/2019	<0.02	<0.02				<0.02			
4/1/2019									0.0058
4/2/2019								<0.02	
9/12/2019					<0.02				
9/13/2019						<0.02			
9/16/2019	0.0034	<0.02	<0.02	<0.02			<0.02	<0.02	
9/17/2019									0.0049
2/13/2020	<0.02	<0.02				<0.02			
2/17/2020					<0.02		<0.02		
2/18/2020			<0.02	<0.02				<0.02	0.0052
3/17/2020		<0.02	<0.02		<0.02		<0.02		
3/18/2020	<0.02			<0.02		<0.02			
3/25/2020								<0.02	
3/26/2020									0.006
9/14/2020	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0051
2/9/2021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0052
3/30/2021	<0.02	<0.02				<0.02			
3/31/2021			<0.02	<0.02	<0.02				
4/1/2021								<0.02	0.0053
4/7/2021							<0.02		
8/17/2021	<0.02	<0.02		<0.02			<0.02		
8/18/2021			<0.02		<0.02	<0.02		<0.02	0.0034 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	0.0011 (J)	<0.02	<0.02	<0.02	0.00094 (J)		<0.02	0.0013 (J)	0.0048 (J)
2/10/2022						<0.02			
8/17/2022	0.0035 (J)	0.0016 (J)							
8/18/2022			0.0012 (J)	0.00086 (J)	0.0019 (J)	0.0015 (J)	0.0014 (J)		0.0061
8/19/2022								0.0023 (J)	
2/21/2023	0.0022 (J)		<0.02		0.002 (J)				
2/22/2023		<0.02		<0.02				<0.02	0.0056
2/23/2023						0.0022 (J)	0.002 (J)		
8/1/2023	<0.02	<0.02			<0.02			<0.02	
8/7/2023			<0.02	<0.02					
8/8/2023						<0.02	<0.02		0.0041 (J)
2/20/2024	0.0051	0.0025 (J)		<0.02				0.0046 (J)	
2/21/2024			<0.02		<0.02	<0.02			0.003 (J)
2/27/2024							0.0023 (J)		
7/31/2024	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		0.002 (J)
8/1/2024								0.004 (J)	
2/19/2025				0.0037 (J)		<0.02	0.0033 (J)		0.0063
2/20/2025	<0.02	<0.02	<0.02		0.0031 (J)			<0.02	
7/24/2025	<0.02	<0.02	<0.02	<0.02					
7/28/2025						<0.02			
7/29/2025								<0.02	
7/30/2025							<0.02		0.0063 (J)
7/31/2025					<0.02				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	<0.02
6/23/2016	
6/24/2016	
6/27/2016	0.0013 (J)
8/16/2016	
8/17/2016	<0.02
10/13/2016	
10/14/2016	
10/17/2016	<0.02
10/18/2016	
12/5/2016	
12/6/2016	<0.02
2/14/2017	<0.02
4/10/2017	
4/11/2017	
4/12/2017	<0.02
6/26/2017	
6/27/2017	<0.02
3/26/2018	
3/27/2018	0.0023 (J)
6/5/2018	
6/6/2018	0.0018 (J)
10/5/2018	
10/8/2018	
10/9/2018	0.002 (J)
2/18/2019	
2/19/2019	
2/20/2019	<0.02
3/28/2019	
3/29/2019	
4/1/2019	0.0021 (J)
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	<0.02
2/13/2020	
2/17/2020	
2/18/2020	<0.02
3/17/2020	
3/18/2020	
3/25/2020	<0.02
3/26/2020	
9/14/2020	<0.02
2/9/2021	<0.02
3/30/2021	
3/31/2021	
4/1/2021	<0.02
4/7/2021	
8/17/2021	
8/18/2021	<0.02

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
2/9/2022	
2/10/2022	0.0015 (J)
8/17/2022	
8/18/2022	0.0025 (J)
8/19/2022	
2/21/2023	
2/22/2023	0.0014 (J)
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	<0.02
2/20/2024	
2/21/2024	<0.02
2/27/2024	
7/31/2024	
8/1/2024	<0.02
2/19/2025	<0.02
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	<0.02
7/31/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	<0.02	<0.02	<0.02	<0.02					
5/12/2016					<0.02	<0.02	<0.02	<0.02	<0.02
5/13/2016									
6/28/2016		<0.02	0.0013 (J)	<0.02	<0.02	<0.02	0.0024 (J)	<0.02	
6/29/2016	<0.02								<0.02
6/30/2016									
8/17/2016		<0.02	<0.02						
8/18/2016				<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
8/22/2016	<0.02								
10/17/2016		<0.02	<0.02	<0.02	<0.02	<0.02			
10/18/2016	<0.02						<0.02	<0.02	
10/19/2016									<0.02
12/6/2016		<0.02	<0.02	<0.02	<0.02				
12/7/2016	<0.02					<0.02	<0.02	<0.02	<0.02
2/15/2017		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
2/16/2017	<0.02							<0.02	
4/12/2017		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
4/13/2017	<0.02							<0.02	<0.02
6/27/2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
6/28/2017									
3/27/2018		<0.02	0.0029 (J)	<0.02	<0.02	<0.02	0.0034 (J)	<0.02	0.0014 (J)
3/28/2018	<0.02								
6/6/2018	<0.02	<0.02	0.0017 (J)	<0.02					
6/7/2018					<0.02	<0.02	0.003 (J)	<0.02	<0.02
6/8/2018									
10/8/2018				<0.02	0.0014 (J)	0.0011 (J)		0.0015 (J)	<0.02
10/9/2018	<0.02	<0.02							
10/16/2018			0.0031 (J)				0.0034 (J)		
10/18/2018									
1/2/2019									
2/20/2019	<0.02	<0.02	0.0031 (J)	<0.02	<0.02	<0.02	0.0038 (J)	<0.02	<0.02
4/1/2019	<0.02	<0.02	0.0017 (J)	0.0011 (J)	<0.02	<0.02	0.0025 (J)		
4/2/2019								<0.02	<0.02
9/16/2019	<0.02		<0.02	<0.02					
9/17/2019		<0.02			<0.02	<0.02	0.0037	<0.02	<0.02
2/18/2020			<0.02						
2/19/2020	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
2/20/2020									
3/24/2020									<0.02
3/25/2020	<0.02	<0.02	<0.02						
3/26/2020				<0.02					
3/27/2020					<0.02	<0.02	0.0038 (J)	<0.02	
9/14/2020	<0.02	<0.02	<0.02	<0.02	<0.02				
9/15/2020						<0.02	0.0037 (J)	<0.02	<0.02
2/9/2021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
2/10/2021									<0.02
3/30/2021									
3/31/2021	<0.02	<0.02					<0.02		
4/1/2021								<0.02	<0.02
4/6/2021						<0.02			
4/7/2021			<0.02	<0.02	<0.02				
8/18/2021									<0.02

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2021	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	
8/20/2021				<0.02					
2/10/2022	<0.02		0.0022 (J)	<0.02				<0.02	
2/11/2022		<0.02			<0.02		0.0027 (J)		<0.02
2/14/2022						<0.02			
8/18/2022	0.0014 (J)		0.0033 (J)	0.0012 (J)	0.0012 (J)				
8/19/2022		0.0011 (J)				0.0015 (J)	0.0038 (J)		
8/23/2022									
8/31/2022								0.0012 (J)	<0.02
2/22/2023	<0.02	<0.02	0.0024 (J)						<0.02
2/23/2023				<0.02	<0.02	<0.02	0.0022 (J)	<0.02	
8/2/2023			<0.02		<0.02				
8/7/2023	<0.02	<0.02		<0.02			<0.02		<0.02
8/8/2023						<0.02		<0.02	
2/21/2024	<0.02								
2/23/2024		<0.02	<0.02	<0.02	<0.02				
2/26/2024							<0.02	<0.02	<0.02
2/27/2024						0.0021 (J)			
8/1/2024	<0.02		0.0059	<0.02	0.0026 (J)	<0.02	0.0042 (J)	<0.02	
8/5/2024		<0.02							<0.02
2/19/2025	<0.02	<0.02		<0.02	0.0025 (J)	0.0035 (J)		0.0038 (J)	<0.02
2/20/2025			0.0043 (J)				0.0038 (J)		
2/21/2025									
7/23/2025								<0.02	<0.02
7/25/2025									
7/30/2025	<0.02	<0.02			<0.02		0.0042 (J)		
7/31/2025			<0.02	<0.02		<0.02			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	<0.02
6/28/2016	
6/29/2016	
6/30/2016	0.0032 (J)
8/17/2016	
8/18/2016	
8/22/2016	<0.02
10/17/2016	
10/18/2016	
10/19/2016	0.0042 (J)
12/6/2016	
12/7/2016	<0.02
2/15/2017	
2/16/2017	0.0034 (J)
4/12/2017	
4/13/2017	<0.02
6/27/2017	
6/28/2017	<0.02
3/27/2018	
3/28/2018	0.0056
6/6/2018	
6/7/2018	
6/8/2018	0.0042 (J)
10/8/2018	
10/9/2018	
10/16/2018	
10/18/2018	0.0054
1/2/2019	0.0055
2/20/2019	0.0054
4/1/2019	
4/2/2019	0.0041 (J)
9/16/2019	
9/17/2019	0.005
2/18/2020	
2/19/2020	
2/20/2020	0.0045 (J)
3/24/2020	
3/25/2020	
3/26/2020	0.0046 (J)
3/27/2020	
9/14/2020	
9/15/2020	0.0049 (J)
2/9/2021	
2/10/2021	0.0055
3/30/2021	0.0043 (J)
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	0.0047 (J)

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2021	
8/20/2021	
2/10/2022	0.0039 (J)
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	0.0032 (J)
8/31/2022	
2/22/2023	0.0035 (J)
2/23/2023	
8/2/2023	
8/7/2023	<0.02
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	0.0069
8/1/2024	
8/5/2024	<0.02
2/19/2025	
2/20/2025	
2/21/2025	0.0026 (J)
7/23/2025	
7/25/2025	0.0047 (J)
7/30/2025	
7/31/2025	

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		<0.02	<0.02	<0.02	<0.02				
5/13/2016	<0.02								
6/29/2016	<0.02	0.0043 (J)	<0.02	<0.02	0.0027 (J)				
8/19/2016				<0.02	<0.02				
8/22/2016	<0.02	0.0051	<0.02						
10/18/2016	<0.02	0.0038 (J)	<0.02	<0.02	0.0032 (J)				
12/7/2016			<0.02	<0.02	0.0043 (J)				
12/8/2016	<0.02	0.0043 (J)							
2/15/2017					<0.02				
2/16/2017	<0.02	0.0047 (J)	<0.02	<0.02					
4/13/2017	<0.02	0.004 (J)	<0.02	<0.02	0.0036 (J)				
6/28/2017	<0.02	0.0032 (J)	<0.02	<0.02	0.0032 (J)				
3/27/2018					0.005				
3/28/2018	<0.02	0.0053	0.0038 (J)	0.0033 (J)					
6/7/2018		0.0038 (J)	0.0013 (J)	<0.02	0.0027 (J)				
6/8/2018	0.0022 (J)								
10/8/2018			0.0019 (J)	0.0011 (J)	0.0035 (J)				
10/9/2018	<0.02								
10/17/2018									0.0027 (J)
10/18/2018		0.0062						0.0017 (J)	
1/10/2019							<0.02		
2/19/2019				<0.02	<0.02				
2/20/2019	<0.02	0.0048 (J)	<0.02						
4/2/2019	0.0021 (J)	0.0046 (J)	0.0027 (J)	0.0026 (J)	0.0041 (J)				
9/17/2019	<0.02	0.0042	<0.02						
9/18/2019				<0.02	0.0043				
2/13/2020							<0.02		
2/18/2020		0.0036 (J)	<0.02	<0.02	<0.02				
2/19/2020	<0.02								
3/23/2020	<0.02	0.0045 (J)	<0.02						
3/24/2020				<0.02	<0.02				
9/15/2020	<0.02	0.0037 (J)	<0.02	<0.02	<0.02				
2/10/2021	<0.02	0.0047 (J)	<0.02	<0.02	<0.02				
3/30/2021	<0.02	<0.02	<0.02						
3/31/2021				<0.02	<0.02				
4/2/2021							<0.02		
8/18/2021			<0.02	<0.02	<0.02		<0.02		
8/19/2021	<0.02	0.0046 (J)							
2/8/2022						0.0025 (J)	0.0015 (J)		
2/9/2022								<0.02	0.012
2/10/2022				<0.02	0.0029 (J)				
2/11/2022	0.0072	0.0037 (J)	0.0011 (J)						
8/22/2022	0.0012 (J)	0.003 (J)	<0.02	0.00087 (J)	0.002 (J)				
8/23/2022							0.0011 (J)		0.022
8/24/2022						0.0023 (J)		<0.02	
2/22/2023	0.0015 (J)	0.0025 (J)							
2/23/2023			<0.02	0.0019 (J)	0.0042 (J)	0.0033 (J)	0.0022 (J)	0.0016 (J)	
2/24/2023									0.0071
8/1/2023							<0.02	<0.02	
8/2/2023						<0.02			0.0063
8/7/2023	<0.02	<0.02		<0.02					
8/8/2023			<0.02		<0.02				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
2/20/2024	0.015								
2/21/2024				<0.02	0.0027 (J)	<0.02			
2/26/2024		<0.02						<0.02	
2/27/2024			<0.02						<0.02
2/28/2024							<0.02		
8/1/2024	0.0027 (J)							<0.02	
8/2/2024		0.004 (J)	0.0033 (J)	<0.02	0.0034 (J)				
8/5/2024						<0.02	<0.02		
8/6/2024									0.0094
2/19/2025						<0.02	0.0031 (J)		
2/20/2025		0.0071	<0.02	<0.02					
2/21/2025	0.016				0.0051			<0.02	
2/24/2025									0.0025 (J)
7/24/2025	<0.02	<0.02							
7/28/2025			<0.02	<0.02	<0.02				
7/29/2025							<0.02	<0.02	0.0068 (J)
7/30/2025						<0.02			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
3/27/2018	
3/28/2018	
6/7/2018	
6/8/2018	
10/8/2018	
10/9/2018	
10/17/2018	
10/18/2018	0.015
1/10/2019	
2/19/2019	
2/20/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
2/10/2021	
3/30/2021	
3/31/2021	
4/2/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	0.01
2/11/2022	
8/22/2022	
8/23/2022	0.01
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	0.011
8/1/2023	0.0083
8/2/2023	
8/7/2023	
8/8/2023	

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
2/20/2024	
2/21/2024	
2/26/2024	
2/27/2024	0.0071
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	0.012
8/6/2024	
2/19/2025	
2/20/2025	0.013
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	0.018 (J)
7/30/2025	

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				0.069					
10/18/2018	0.0029 (J)	0.004 (J)	0.0015 (J)						
1/3/2019									<0.02
1/8/2019								<0.02	
2/13/2020									<0.02
2/14/2020								<0.02	
2/19/2020	<0.02								
3/2/2020				<0.02					
3/31/2021				0.023					
4/7/2021				0.02					
8/18/2021				0.0095					
2/9/2022	<0.02	0.0026 (J)	0.0031 (J)	0.01					
2/10/2022					0.0029 (J)				
8/22/2022		0.0036 (J)							
8/24/2022	0.00099 (J)		0.0032 (J)	0.011	0.0025 (J)				
2/23/2023	<0.02	0.0064							
2/24/2023			0.0046 (J)		0.0026 (J)				
2/28/2023				0.014					
8/2/2023	<0.02	0.0055	<0.02	0.015	<0.02				
2/23/2024				0.01	<0.02				
2/27/2024	<0.02	0.0049 (J)	0.0038 (J)						
8/1/2024				0.06					
8/2/2024			0.0045 (J)		0.0045 (J)				
8/5/2024		<0.02							
8/6/2024	<0.02								
2/20/2025		0.028							
2/21/2025	0.0057								
2/24/2025			<0.02	0.037	<0.02				
7/29/2025	<0.02	0.006 (J)	0.0079 (J)	0.025	<0.02	<0.02	<0.02		
10/8/2025								<0.02	<0.02

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002		
5/11/2016				<0.0002				<0.0002	<0.0002
6/23/2016	<0.0002	<0.0002			<0.0002	<0.0002			
6/24/2016			<0.0002	<0.0002					
6/27/2016							<0.0002	<0.0002	<0.0002
8/16/2016	<0.0002	<0.0002	<0.0002		7.2E-05 (J)	<0.0002			
8/17/2016				<0.0002			<0.0002	<0.0002	<0.0002
10/13/2016	<0.0002					<0.0002			
10/14/2016		<0.0002	<0.0002		<0.0002		<0.0002		
10/17/2016				<0.0002				<0.0002	
10/18/2016									<0.0002
12/5/2016						0.00012 (J)			
12/6/2016	0.00012 (J)	0.00011 (J)	8.7E-05 (J)	0.00011 (J)	0.00012 (J)		0.00011 (J)	0.00011 (J)	0.00011 (J)
2/14/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/10/2017						<0.0002			
4/11/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002		
4/12/2017								<0.0002	<0.0002
6/26/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
6/27/2017							<0.0002	<0.0002	<0.0002
3/26/2018	8.9E-05 (J)	<0.0002	<0.0002			<0.0002			
3/27/2018				<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
6/5/2018	<0.0002	<0.0002			<0.0002	<0.0002	7.5E-05 (J)		
6/6/2018			<0.0002	<0.0002				<0.0002	<0.0002
10/5/2018	<0.0002	<0.0002	<0.0002			<0.0002			
10/8/2018				<0.0002	<0.0002		<0.0002	<0.0002	
10/9/2018									<0.0002
2/18/2019	<0.0002	<0.0002		<0.0002					
2/19/2019			<0.0002		<0.0002	<0.0002	<0.0002		
2/20/2019								<0.0002	<0.0002
3/28/2019			<0.0002	<0.0002	<0.0002		<0.0002		
3/29/2019	7E-05 (J)	<0.0002				<0.0002			
4/1/2019									<0.0002
4/2/2019								<0.0002	
9/12/2019					<0.0002				
9/13/2019						<0.0002			
9/16/2019	<0.0002	<0.0002	0.0005	0.00027			<0.0002	<0.0002	
9/17/2019									<0.0002
12/3/2019			<0.0002	<0.0002					
2/13/2020	<0.0002	<0.0002				<0.0002			
2/17/2020					<0.0002		<0.0002		
2/18/2020			<0.0002	<0.0002				<0.0002	<0.0002
3/17/2020		<0.0002	<0.0002		<0.0002		<0.0002		
3/18/2020	<0.0002			<0.0002		<0.0002			
3/25/2020								<0.0002	
3/26/2020									<0.0002
9/14/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/9/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/30/2021	<0.0002	<0.0002				<0.0002			
3/31/2021			<0.0002	<0.0002	<0.0002				
4/1/2021								<0.0002	<0.0002
4/7/2021							<0.0002		
8/17/2021	<0.0002	<0.0002		<0.0002			<0.0002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/18/2021			<0.0002		<0.0002	<0.0002		<0.0002	<0.0002
2/9/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
2/10/2022						<0.0002			
8/17/2022	<0.0002	<0.0002							
8/18/2022			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
8/19/2022								<0.0002	
2/21/2023	<0.0002		<0.0002		<0.0002				
2/22/2023		<0.0002		<0.0002				<0.0002	<0.0002
2/23/2023						<0.0002	<0.0002		
8/1/2023	<0.0002	<0.0002			<0.0002			<0.0002	
8/7/2023			<0.0002	<0.0002					
8/8/2023						<0.0002	<0.0002		<0.0002
2/20/2024	<0.0002	<0.0002		<0.0002				<0.0002	
2/21/2024			<0.0002		<0.0002	<0.0002			<0.0002
2/27/2024							<0.0002		
7/31/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
8/1/2024								<0.0002	
2/19/2025				<0.0002		<0.0002	<0.0002		<0.0002
2/20/2025	<0.0002	<0.0002	<0.0002		<0.0002			<0.0002	
7/24/2025	<0.0002	<0.0002	<0.0002	<0.0002					
7/28/2025						<0.0002			
7/29/2025								<0.0002	
7/30/2025							<0.0002		<0.0002
7/31/2025					<0.0002				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	<0.0002
6/23/2016	
6/24/2016	
6/27/2016	<0.0002
8/16/2016	
8/17/2016	<0.0002
10/13/2016	
10/14/2016	
10/17/2016	<0.0002
10/18/2016	
12/5/2016	
12/6/2016	7.6E-05 (J)
2/14/2017	<0.0002
4/10/2017	
4/11/2017	
4/12/2017	<0.0002
6/26/2017	
6/27/2017	<0.0002
3/26/2018	
3/27/2018	<0.0002
6/5/2018	
6/6/2018	<0.0002
10/5/2018	
10/8/2018	
10/9/2018	<0.0002
2/18/2019	
2/19/2019	
2/20/2019	<0.0002
3/28/2019	
3/29/2019	
4/1/2019	<0.0002
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	<0.0002
12/3/2019	
2/13/2020	
2/17/2020	
2/18/2020	<0.0002
3/17/2020	
3/18/2020	
3/25/2020	<0.0002
3/26/2020	
9/14/2020	<0.0002
2/9/2021	<0.0002
3/30/2021	
3/31/2021	
4/1/2021	<0.0002
4/7/2021	
8/17/2021	

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
8/18/2021	<0.0002
2/9/2022	
2/10/2022	<0.0002
8/17/2022	
8/18/2022	<0.0002
8/19/2022	
2/21/2023	
2/22/2023	<0.0002
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	<0.0002
2/20/2024	
2/21/2024	<0.0002
2/27/2024	
7/31/2024	
8/1/2024	<0.0002
2/19/2025	<0.0002
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	0.00017 (J)
7/31/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	<0.0002	<0.0002	<0.0002	<0.0002					
5/12/2016					<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/13/2016									
6/28/2016		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
6/29/2016	<0.0002								<0.0002
6/30/2016									
8/17/2016		<0.0002	<0.0002						
8/18/2016				<0.0002	<0.0002	<0.0002	0.00011 (J)	<0.0002	<0.0002
8/22/2016	<0.0002								
10/17/2016		<0.0002	<0.0002	<0.0002	<0.0002	8.9E-05 (J)			
10/18/2016	<0.0002						0.00012 (J)	<0.0002	
10/19/2016									<0.0002
12/6/2016		0.00013 (J)	0.0001 (J)	9.3E-05 (J)	0.00011 (J)				
12/7/2016	0.0001 (J)					0.00012 (J)	0.00017 (J)	7.6E-05 (J)	0.00011 (J)
2/15/2017		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00011 (J)		<0.0002
2/16/2017	<0.0002							<0.0002	
4/12/2017		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	7.2E-05 (J)		
4/13/2017	<0.0002							<0.0002	<0.0002
6/27/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	8.4E-05 (J)	<0.0002	<0.0002
6/28/2017									
3/27/2018		<0.0002	<0.0002	<0.0002	<0.0002	0.0001 (J)	0.00014 (J)	<0.0002	<0.0002
3/28/2018	<0.0002								
6/6/2018	<0.0002	<0.0002	<0.0002	<0.0002					
6/7/2018					<0.0002	<0.0002	0.00013 (J)	<0.0002	0.00011 (J)
6/8/2018									
10/8/2018				<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
10/9/2018	<0.0002	<0.0002							
10/16/2018			<0.0002				<0.0002		
10/18/2018									
1/2/2019									
2/20/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/1/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
4/2/2019								<0.0002	<0.0002
9/16/2019	<0.0002		<0.0002	<0.0002					
9/17/2019		<0.0002			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/18/2020			<0.0002						
2/19/2020	<0.0002	<0.0002		<0.0002	<0.0002	0.0002	0.00016 (J)	<0.0002	<0.0002
2/20/2020									
3/24/2020									<0.0002
3/25/2020	<0.0002	<0.0002	<0.0002						
3/26/2020				<0.0002					
3/27/2020					<0.0002	<0.0002	0.00011 (J)	<0.0002	
9/14/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
9/15/2020						<0.0002	<0.0002	<0.0002	<0.0002
2/9/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00013 (J)	<0.0002	
2/10/2021									<0.0002
3/30/2021									
3/31/2021	<0.0002	<0.0002					0.00018 (J)		
4/1/2021								<0.0002	<0.0002
4/6/2021						<0.0002			
4/7/2021			<0.0002	<0.0002	<0.0002				
8/18/2021									0.00017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2021	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	
8/20/2021				<0.0002					
2/10/2022	<0.0002		<0.0002	<0.0002				<0.0002	
2/11/2022		<0.0002			<0.0002		<0.0002		<0.0002
2/14/2022						<0.0002			
8/18/2022	<0.0002		<0.0002	<0.0002	<0.0002				
8/19/2022		<0.0002				<0.0002	<0.0002		
8/31/2022								<0.0002	0.00013 (J)
10/31/2022									
2/22/2023	<0.0002	<0.0002	<0.0002						<0.0002
2/23/2023				<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
8/2/2023			<0.0002		<0.0002				
8/7/2023	<0.0002	<0.0002		<0.0002			0.0001 (J)		<0.0002
8/8/2023						<0.0002		<0.0002	
2/21/2024	<0.0002								
2/23/2024		<0.0002	<0.0002	<0.0002	<0.0002				
2/26/2024							0.00013 (J)	<0.0002	9.1E-05 (J)
2/27/2024						<0.0002			
8/1/2024	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	8.9E-05 (J)	<0.0002	
8/5/2024		<0.0002							<0.0002
2/19/2025	<0.0002	<0.0002		<0.0002	<0.0002	8.1E-05 (J)		<0.0002	8.7E-05 (J)
2/20/2025			<0.0002				0.00015 (J)		
2/21/2025									
7/23/2025								<0.0002	<0.0002
7/25/2025									
7/30/2025	<0.0002	<0.0002			<0.0002		<0.0002		
7/31/2025			<0.0002	<0.0002		<0.0002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	<0.0002
6/28/2016	
6/29/2016	
6/30/2016	<0.0002
8/17/2016	
8/18/2016	
8/22/2016	0.00014 (J)
10/17/2016	
10/18/2016	
10/19/2016	<0.0002
12/6/2016	
12/7/2016	0.00014 (J)
2/15/2017	
2/16/2017	8.4E-05 (J)
4/12/2017	
4/13/2017	<0.0002
6/27/2017	
6/28/2017	<0.0002
3/27/2018	
3/28/2018	8.3E-05 (J)
6/6/2018	
6/7/2018	
6/8/2018	0.00014 (J)
10/8/2018	
10/9/2018	
10/16/2018	
10/18/2018	0.00021
1/2/2019	0.00024
2/20/2019	0.00026
4/1/2019	
4/2/2019	0.0002
9/16/2019	
9/17/2019	0.00014 (J)
2/18/2020	
2/19/2020	
2/20/2020	0.00022
3/24/2020	
3/25/2020	
3/26/2020	0.00019 (J)
3/27/2020	
9/14/2020	
9/15/2020	0.00013 (J)
2/9/2021	
2/10/2021	0.00018 (J)
3/30/2021	0.00022
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	0.00022

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2021	
8/20/2021	
2/10/2022	<0.0002
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/31/2022	
10/31/2022	<0.0002
2/22/2023	<0.0002
2/23/2023	
8/2/2023	
8/7/2023	8.3E-05 (J)
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	<0.0002
8/1/2024	
8/5/2024	<0.0002
2/19/2025	
2/20/2025	
2/21/2025	<0.0002
7/23/2025	
7/25/2025	<0.0002
7/30/2025	
7/31/2025	

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		<0.0002	<0.0002	<0.0002	<0.0002				
5/13/2016	<0.0002								
6/29/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
8/19/2016				<0.0002	7.1E-05 (J)				
8/22/2016	<0.0002	7.3E-05 (J)	<0.0002						
10/18/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
12/7/2016			0.0001 (J)	9.9E-05 (J)	0.00011 (J)				
12/8/2016	<0.0002	<0.0002							
2/15/2017					<0.0002				
2/16/2017	<0.0002	<0.0002	<0.0002	<0.0002					
4/13/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
6/28/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
3/27/2018					<0.0002				
3/28/2018	<0.0002	<0.0002	<0.0002	<0.0002					
6/7/2018		8.2E-05 (J)	<0.0002	<0.0002	0.00028				
6/8/2018	<0.0002								
10/8/2018			<0.0002	<0.0002	<0.0002				
10/9/2018	<0.0002								
10/17/2018									<0.0002
10/18/2018		<0.0002						<0.0002	
1/10/2019							<0.0002		
2/19/2019				<0.0002	<0.0002				
2/20/2019	<0.0002	<0.0002	<0.0002						
4/2/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
9/17/2019	<0.0002	<0.0002	<0.0002						
9/18/2019				<0.0002	<0.0002				
2/13/2020							<0.0002		
2/18/2020		<0.0002	<0.0002	<0.0002	0.00011 (J)				
2/19/2020	<0.0002								
3/23/2020	<0.0002	<0.0002	<0.0002						
3/24/2020				<0.0002	<0.0002				
9/15/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
2/10/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
3/30/2021	<0.0002	0.00013 (J)	<0.0002						
3/31/2021				<0.0002	<0.0002				
8/18/2021			<0.0002	<0.0002	<0.0002				
8/19/2021	<0.0002	<0.0002							
2/8/2022						0.00022	<0.0002		
2/9/2022								<0.0002	<0.0002
2/10/2022				<0.0002	<0.0002				
2/11/2022	<0.0002	<0.0002	<0.0002						
8/24/2022						0.00024		<0.0002	
10/31/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002		<0.0002
2/22/2023	<0.0002	<0.0002							
2/23/2023			<0.0002	<0.0002	<0.0002	0.00015 (J)	<0.0002	<0.0002	
2/24/2023									<0.0002
8/1/2023							<0.0002	<0.0002	
8/2/2023						0.00016 (J)			<0.0002
8/7/2023	<0.0002	<0.0002		<0.0002					
8/8/2023			<0.0002		<0.0002				
2/20/2024	<0.0002								
2/21/2024				<0.0002	<0.0002	9.6E-05 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
2/26/2024		<0.0002						<0.0002	
2/27/2024			<0.0002						<0.0002
2/28/2024							<0.0002		
8/1/2024	<0.0002							<0.0002	
8/2/2024		<0.0002	<0.0002	<0.0002	<0.0002				
8/5/2024						0.00013 (J)	<0.0002		
8/6/2024									<0.0002
2/19/2025						0.00069	<0.0002		
2/20/2025		<0.0002	<0.0002	<0.0002					
2/21/2025	<0.0002				<0.0002			<0.0002	
2/24/2025									<0.0002
7/24/2025	<0.0002	<0.0002							
7/28/2025			<0.0002	<0.0002	<0.0002				
7/29/2025							<0.0002	<0.0002	<0.0002
7/30/2025						0.00063			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
3/27/2018	
3/28/2018	
6/7/2018	
6/8/2018	
10/8/2018	
10/9/2018	
10/17/2018	
10/18/2018	<0.0002
1/10/2019	
2/19/2019	
2/20/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
2/10/2021	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	<0.0002
2/11/2022	
8/24/2022	
10/31/2022	<0.0002
2/22/2023	
2/23/2023	
2/24/2023	<0.0002
8/1/2023	<0.0002
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	
2/21/2024	

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
2/26/2024	
2/27/2024	<0.0002
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	<0.0002
8/6/2024	
2/19/2025	
2/20/2025	<0.0002
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	<0.0002
7/30/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				8.4E-05 (J)					
10/18/2018	<0.0002	<0.0002	<0.0002						
1/3/2019									<0.0002
1/8/2019								<0.0002	
2/13/2020									<0.0002
2/14/2020								<0.0002	
2/19/2020	<0.0002								
2/9/2022	<0.0002	<0.0002	<0.0002	<0.0002					
2/10/2022					<0.0002				
8/24/2022	<0.0002		<0.0002	<0.0002	<0.0002				
10/31/2022		<0.0002							
2/23/2023	<0.0002	<0.0002							
2/24/2023			<0.0002		<0.0002				
2/28/2023				<0.0002					
8/2/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
2/23/2024				<0.0002	<0.0002				
2/27/2024	<0.0002	<0.0002	<0.0002						
8/1/2024				<0.0002					
8/2/2024			<0.0002		<0.0002				
8/5/2024		<0.0002							
8/6/2024	<0.0002								
2/20/2025		<0.0002							
2/21/2025	<0.0002								
2/24/2025			<0.0002	<0.0002	<0.0002				
7/29/2025	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00032		
10/8/2025								<0.0002	<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.015	<0.015	<0.005		<0.005	<0.005	<0.005		
5/11/2016				0.00278 (J)				<0.005	0.00343 (J)
6/23/2016	<0.015	<0.015			<0.005	<0.005			
6/24/2016			<0.005	0.0022 (J)					
6/27/2016							<0.005	0.0007 (J)	0.0033 (J)
8/16/2016	<0.015	<0.015	<0.005		<0.005	<0.005			
8/17/2016				0.0018 (J)			<0.005	<0.005	0.002 (J)
10/13/2016	<0.015					<0.005			
10/14/2016		<0.015	<0.005		<0.005		<0.005		
10/17/2016				0.0014 (J)				<0.005	
10/18/2016									0.0012 (J)
12/5/2016						<0.005			
12/6/2016	<0.015	<0.015	<0.005	0.00095 (J)	<0.005		<0.005	<0.005	0.0021 (J)
2/14/2017	<0.015	<0.015	0.0011 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.015
4/10/2017						<0.005			
4/11/2017	<0.015	<0.015	<0.005	0.0011 (J)	<0.005		<0.005		
4/12/2017								<0.005	0.0033 (J)
6/26/2017	<0.015	<0.015	<0.005	0.0016 (J)	<0.005	<0.005			
6/27/2017							<0.005	0.00099 (J)	0.0021 (J)
3/26/2018	<0.015	<0.015	<0.005			<0.005			
3/27/2018				<0.005	<0.005		<0.005	<0.005	<0.015
10/5/2018	<0.015	<0.015	<0.005			<0.005			
10/8/2018				<0.005	<0.005		<0.005	<0.005	
10/9/2018									<0.015
2/18/2019	<0.015	<0.015		0.00085 (J)					
2/19/2019			<0.005		<0.005	<0.005	<0.005		
2/20/2019								<0.005	0.0013 (J)
3/28/2019			<0.005	<0.005	<0.005		<0.005		
3/29/2019	<0.015	<0.015				<0.005			
4/1/2019									<0.015
4/2/2019								<0.005	
9/12/2019					<0.005				
9/13/2019						<0.005			
9/16/2019	<0.015	<0.015	<0.005	0.00069 (J)			<0.005	<0.005	
9/17/2019									0.0014 (J)
2/13/2020	<0.015	<0.015				<0.005			
2/17/2020					<0.005		<0.005		
2/18/2020			<0.005	0.00075 (J)				<0.005	0.0014 (J)
3/17/2020		<0.015	<0.005		<0.005		<0.005		
3/18/2020	<0.015			0.00064 (J)		<0.005			
3/25/2020								<0.005	
3/26/2020									0.001 (J)
9/14/2020	<0.015	<0.015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0012 (J)
2/9/2021	<0.015	<0.015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0014 (J)
3/30/2021	<0.015	<0.015				<0.005			
3/31/2021			<0.005	<0.005	<0.005				
4/1/2021								<0.005	0.0009 (J)
4/7/2021							<0.005		
8/17/2021	<0.015	<0.015		<0.005			<0.005		
8/18/2021			<0.005		<0.005	<0.005		<0.005	0.0016 (J)
2/9/2022	<0.015	<0.015	<0.005	<0.005	<0.005		<0.005	<0.005	0.0012 (J)
2/10/2022						<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
8/17/2022	<0.015	<0.015							
8/18/2022			<0.005	<0.005	<0.005	<0.005	<0.005		0.0011 (J)
8/19/2022								<0.005	
2/21/2023	<0.015		<0.005		<0.005				
2/22/2023		<0.015		<0.005				<0.005	<0.015
2/23/2023						<0.005	<0.005		
8/1/2023	<0.015	<0.015			<0.005			<0.005	
8/7/2023			<0.005	<0.005					
8/8/2023						<0.005	<0.005		0.001 (J)
2/20/2024	<0.015	<0.015		<0.005				<0.005	
2/21/2024			<0.005		<0.005	<0.005			0.0014 (J)
2/27/2024							<0.005		
7/31/2024	<0.015	<0.015	<0.005	<0.005	<0.005	<0.005	<0.005		0.0011 (J)
8/1/2024								<0.005	
2/19/2025				<0.005		<0.005	<0.005		0.001 (J)
2/20/2025	<0.015	<0.015	<0.005		<0.005			<0.005	
7/24/2025	0.0014 (J)	0.0012 (J)	<0.005	<0.005					
7/28/2025						<0.005			
7/29/2025								<0.005	
7/30/2025							<0.005		0.0012 (J)
7/31/2025					<0.005				

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	<0.005
6/23/2016	
6/24/2016	
6/27/2016	0.0008 (J)
8/16/2016	
8/17/2016	<0.005
10/13/2016	
10/14/2016	
10/17/2016	<0.005
10/18/2016	
12/5/2016	
12/6/2016	<0.005
2/14/2017	<0.005
4/10/2017	
4/11/2017	
4/12/2017	<0.005
6/26/2017	
6/27/2017	<0.005
3/26/2018	
3/27/2018	<0.005
10/5/2018	
10/8/2018	
10/9/2018	<0.005
2/18/2019	
2/19/2019	
2/20/2019	<0.005
3/28/2019	
3/29/2019	
4/1/2019	<0.005
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	<0.005
2/13/2020	
2/17/2020	
2/18/2020	<0.005
3/17/2020	
3/18/2020	
3/25/2020	<0.005
3/26/2020	
9/14/2020	<0.005
2/9/2021	<0.005
3/30/2021	
3/31/2021	
4/1/2021	<0.005
4/7/2021	
8/17/2021	
8/18/2021	<0.005
2/9/2022	
2/10/2022	<0.005

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
8/17/2022	
8/18/2022	0.00073 (J)
8/19/2022	
2/21/2023	
2/22/2023	<0.005
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	<0.005
2/20/2024	
2/21/2024	<0.005
2/27/2024	
7/31/2024	
8/1/2024	<0.005
2/19/2025	<0.005
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	<0.005
7/31/2025	

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	<0.005	<0.005	<0.005	<0.005					
5/12/2016					<0.005	<0.005	<0.005	<0.015	<0.005
5/13/2016									
6/28/2016		<0.005	<0.005	0.0012 (J)	<0.005	<0.005	<0.005	<0.015	
6/29/2016	0.0021 (J)								<0.005
6/30/2016									
8/17/2016		<0.005	<0.005						
8/18/2016				0.0011 (J)	<0.005	<0.005	<0.005	<0.015	<0.005
8/22/2016	0.00099 (J)								
10/17/2016		<0.005	<0.005	<0.005	<0.005	<0.005			
10/18/2016	0.0014 (J)						<0.005	<0.015	
10/19/2016									<0.005
12/6/2016		<0.005	<0.005	<0.005	<0.005				
12/7/2016	0.001 (J)					<0.005	<0.005	<0.015	<0.005
2/15/2017		<0.005	<0.005	<0.005	<0.005	0.003 (J)	<0.005		<0.005
2/16/2017	<0.005							<0.015	
4/12/2017		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
4/13/2017	0.001 (J)							<0.015	<0.005
6/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.015	<0.005
6/28/2017									
3/27/2018		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.015	<0.005
3/28/2018	<0.005								
10/8/2018				<0.005	<0.005	<0.005		<0.015	<0.005
10/9/2018	<0.005	<0.005							
10/16/2018			<0.005				<0.005		
10/18/2018									
1/2/2019									
2/20/2019	0.00075 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.015	<0.005
4/1/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
4/2/2019								<0.015	<0.005
9/16/2019	0.00067 (J)		<0.005	<0.005					
9/17/2019		<0.005			<0.005	<0.005	<0.005	<0.015	<0.005
2/18/2020			<0.005						
2/19/2020	0.00063 (J)	<0.005		<0.005	<0.005	<0.005	<0.005	<0.015	<0.005
2/20/2020									
3/24/2020									<0.005
3/25/2020	<0.005	<0.005	<0.005						
3/26/2020				<0.005					
3/27/2020					<0.005	0.00081 (J)	<0.005	<0.015	
9/14/2020	<0.005	<0.005	<0.005	<0.005	<0.005				
9/15/2020						<0.005	<0.005	<0.015	<0.005
2/9/2021	0.00063 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.015	
2/10/2021									<0.005
3/30/2021									
3/31/2021	<0.005	<0.005					<0.005		
4/1/2021								<0.015	<0.005
4/6/2021						<0.005			
4/7/2021			<0.005	<0.005	<0.005				
8/18/2021									<0.005
8/19/2021	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.015	
8/20/2021				<0.005					
2/10/2022	<0.005		<0.005	<0.005				<0.015	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
2/11/2022		<0.005			<0.005		<0.005		<0.005
2/14/2022						<0.005			
8/18/2022	<0.005		<0.005	<0.005	<0.005				
8/19/2022		<0.005				<0.005	<0.005		
8/23/2022									
8/31/2022								<0.015	<0.005
2/22/2023	<0.005	<0.005	<0.005						<0.005
2/23/2023				<0.005	<0.005	<0.005	<0.005	<0.015	
8/2/2023			<0.005		<0.005				
8/7/2023	<0.005	<0.005		<0.005			<0.005		<0.005
8/8/2023						<0.005		<0.015	
2/21/2024	<0.005								
2/23/2024		<0.005	<0.005	<0.005	<0.005				
2/26/2024							<0.005	<0.015	<0.005
2/27/2024						<0.005			
8/1/2024	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.015	
8/5/2024		<0.005							<0.005
2/19/2025	<0.005	<0.005		<0.005	<0.005	<0.005		<0.015	<0.005
2/20/2025			<0.005				<0.005		
2/21/2025									
7/23/2025								0.0011 (J)	<0.005
7/25/2025									
7/30/2025	<0.005	<0.005			<0.005		<0.005		
7/31/2025			<0.005	<0.005		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	<0.005
6/28/2016	
6/29/2016	
6/30/2016	<0.005
8/17/2016	
8/18/2016	
8/22/2016	<0.005
10/17/2016	
10/18/2016	
10/19/2016	<0.005
12/6/2016	
12/7/2016	<0.005
2/15/2017	
2/16/2017	<0.005
4/12/2017	
4/13/2017	<0.005
6/27/2017	
6/28/2017	<0.005
3/27/2018	
3/28/2018	<0.005
10/8/2018	
10/9/2018	
10/16/2018	
10/18/2018	<0.005
1/2/2019	<0.005
2/20/2019	<0.005
4/1/2019	
4/2/2019	<0.005
9/16/2019	
9/17/2019	<0.005
2/18/2020	
2/19/2020	
2/20/2020	<0.005
3/24/2020	
3/25/2020	
3/26/2020	<0.005
3/27/2020	
9/14/2020	
9/15/2020	<0.005
2/9/2021	
2/10/2021	<0.005
3/30/2021	<0.005
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	<0.005
8/19/2021	
8/20/2021	
2/10/2022	<0.005

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	<0.005
8/31/2022	
2/22/2023	<0.005
2/23/2023	
8/2/2023	
8/7/2023	<0.005
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	<0.005
8/1/2024	
8/5/2024	<0.005
2/19/2025	
2/20/2025	
2/21/2025	<0.005
7/23/2025	
7/25/2025	<0.005
7/30/2025	
7/31/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		<0.005	<0.005	<0.005	<0.005				
5/13/2016	<0.005								
6/29/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
8/19/2016				<0.005	<0.005				
8/22/2016	<0.005	<0.005	<0.005						
10/18/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
12/7/2016			<0.005	<0.005	<0.005				
12/8/2016	<0.005	<0.005							
2/15/2017					<0.005				
2/16/2017	<0.005	<0.005	<0.005	<0.005					
4/13/2017	<0.005	<0.005	<0.005	<0.005	<0.005				
6/28/2017	<0.005	<0.005	<0.005	<0.005	<0.005				
3/27/2018					<0.005				
3/28/2018	<0.005	<0.005	<0.005	<0.005					
10/8/2018			<0.005	<0.005	<0.005				
10/9/2018	<0.005								
10/18/2018		<0.005							
1/10/2019							<0.005		
2/19/2019				<0.005	<0.005				
2/20/2019	<0.005	<0.005	<0.005						
4/2/2019	<0.005	<0.005	<0.005	<0.005	<0.005				
9/17/2019	<0.005	<0.005	<0.005						
9/18/2019				<0.005	<0.005				
2/13/2020							<0.005		
2/18/2020		<0.005	<0.005	<0.005	<0.005				
2/19/2020	<0.005								
3/23/2020	<0.005	<0.005	<0.005						
3/24/2020				<0.005	<0.005				
9/15/2020	<0.005	<0.005	<0.005	<0.005	<0.005				
2/10/2021	<0.005	<0.005	<0.005	<0.005	<0.005				
3/30/2021	<0.005	<0.005	<0.005						
3/31/2021				<0.005	<0.005				
8/18/2021			<0.005	<0.005	<0.005				
8/19/2021	<0.005	<0.005							
2/8/2022						<0.005	<0.005		
2/9/2022								<0.005	0.0011 (J)
2/10/2022				<0.005	<0.005				
2/11/2022	<0.005	<0.005	<0.005						
8/22/2022	<0.005	<0.005	<0.005	<0.005	<0.005				
8/23/2022							<0.005		0.0013 (J)
8/24/2022						<0.005		<0.005	
2/22/2023	<0.005	<0.005							
2/23/2023			<0.005	<0.005	0.00062 (J)	<0.005	<0.005	<0.005	
2/24/2023									0.0011 (J)
8/1/2023							<0.005	<0.005	
8/2/2023						<0.005			0.0011 (J)
8/7/2023	<0.005	<0.005		<0.005					
8/8/2023			<0.005		<0.005				
2/20/2024	<0.005								
2/21/2024				<0.005	<0.005	<0.005			
2/26/2024		<0.005						<0.005	
2/27/2024			<0.005						0.00099 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
2/28/2024							<0.005		
8/1/2024	<0.005							<0.005	
8/2/2024		<0.005	<0.005	<0.005	<0.005				
8/5/2024						<0.005	<0.005		
8/6/2024									0.00087 (J)
2/19/2025						<0.005	<0.005		
2/20/2025		<0.005	<0.005	<0.005					
2/21/2025	<0.005				<0.005			<0.005	
2/24/2025									<0.015
7/24/2025	<0.005	<0.005							
7/28/2025			<0.005	<0.005	<0.005				
7/29/2025							<0.005	<0.005	0.0013 (J)
7/30/2025						<0.005			

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
3/27/2018	
3/28/2018	
10/8/2018	
10/9/2018	
10/18/2018	
1/10/2019	
2/19/2019	
2/20/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
2/10/2021	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	<0.005
2/11/2022	
8/22/2022	
8/23/2022	0.00079 (J)
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	<0.005
8/1/2023	<0.005
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	
2/21/2024	
2/26/2024	
2/27/2024	<0.005

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	<0.005
8/6/2024	
2/19/2025	
2/20/2025	<0.005
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	<0.005
7/30/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
1/3/2019									<0.005
1/8/2019								<0.005	
2/13/2020									<0.005
2/14/2020								<0.005	
2/19/2020	<0.005								
2/9/2022	<0.005	0.0057 (J)	<0.015	<0.005					
2/10/2022					0.0017 (J)				
8/22/2022		0.0062 (J)							
8/24/2022	<0.005		<0.015	<0.005	0.00081 (J)				
2/23/2023	<0.005	0.0066 (J)							
2/24/2023			<0.015		0.00069 (J)				
2/28/2023				<0.005					
8/2/2023	<0.005	0.0062 (J)	<0.015	<0.005	0.0011 (J)				
2/23/2024				<0.005	<0.015				
2/27/2024	<0.005	0.0067 (J)	<0.015						
8/1/2024				<0.005					
8/2/2024			<0.015		<0.015				
8/5/2024		0.0079 (J)							
8/6/2024	<0.005								
2/20/2025		0.0097 (J)							
2/21/2025	<0.005								
2/24/2025			<0.015	<0.005	<0.015				
7/29/2025	<0.005	0.0077	0.0021 (J)	<0.005	0.0013 (J)	0.0015 (J)	0.0024 (J)		
10/8/2025								<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: pH, Field (SU) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	5.51	6.83	5.75		5.84	6.34	6.14		
5/11/2016				6.49				6.39	6.66
6/23/2016	5.5	6.82			5.71	6.33			
6/24/2016			5.78	6.48			6.14		
6/27/2016							6.08	6.3	6.73
8/16/2016	5.42	6.73	5.72		5.64	6.35			
8/17/2016				6.42			6.1	6.28	6.55
10/13/2016	5.52					6.34			
10/14/2016		6.74	5.71		5.59		6.14		
10/17/2016				6.44				6.3	
10/18/2016									6.59
12/5/2016						6.32			
12/6/2016	5.33	6.74	5.68	6.48	5.46		6.19	6.3	6.51
2/14/2017	5.29	6.85	5.57	6.18	5.29	6.33	6.34	6.31	6.3
4/10/2017						6.31			
4/11/2017	5.21	6.75	5.7	6.49	5.54		6.16		
4/12/2017								6.23	6.43
6/26/2017	5.25	6.82	5.68	6.48	5.54	6.35			
6/27/2017							6.08	6.23	6.56
10/10/2017	5.49	6.87				6.37			
10/11/2017			5.63	6.42	5.43		6.16	6.09	6.4
10/12/2017									
3/26/2018	5.39	6.77	5.89			6.32			
3/27/2018				6.53	5.52		6.12	6.2	6.6
6/5/2018	5.38	6.73			5.59	6.27	6.06		
6/6/2018			5.62	6.7				5.99	6.56
10/5/2018	5.46	6.81	5.76		5.7	6.37			
10/8/2018				6.53	5.59		6.16	6.3	
10/9/2018									6.56
2/18/2019	5.43	6.74		6.28					
2/19/2019			5.69		5.67	6.29	6.03		
2/20/2019								6.34	6.4
3/28/2019			5.88	6.53	5.67		6.15		
3/29/2019	5.22	6.81				6.31			
4/1/2019									6.57
4/2/2019								6.25	
9/12/2019					5.59				
9/13/2019						6.36			
9/16/2019	5.22	6.82	5.8	6.44			6.01	6.26	
9/17/2019									6.41
2/13/2020	5.09	6.59				6.24			
2/17/2020					5.73		6.1		
2/18/2020			5.76	6.38				6.32	6.35
3/17/2020		6.83	5.87		5.62		6.02		
3/18/2020	5.37			6.36		6.4			
3/25/2020								6.31	
3/26/2020									6.52
5/19/2020	5.37	6.8	5.8	6.38	5.61	6.37	6.03		
9/14/2020	5.11	6.73	5.84	6.4	5.82	6.52	5.98	6.29	6.31
2/9/2021	5.25	6.75	5.8	6.38	5.53	6.4	6.06	6.34	6.42
3/30/2021	5.28	6.73				6.27			
3/31/2021			5.72	6.33	5.5				

Time Series

Constituent: pH, Field (SU) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
4/1/2021								6.31	6.44
4/7/2021							6.12		
8/17/2021	5.26	6.84		6.41			6.08		
8/18/2021			5.85		5.51	6.45		6.33	6.61
2/9/2022	5.28	7.01	5.84	6.38	5.56		6.17	6.33	6.77
2/10/2022						6.38			
8/17/2022	5.16	6.79							
8/18/2022			5.64	6.35	5.43	6.32	6.03		6.77
8/19/2022								6.24	
2/21/2023	5.28		5.82		5.6				
2/22/2023		6.85		6.36				6.28	6.51
2/23/2023						6.33	6.04		
8/1/2023	5.3	6.77			5.48			6.21	
8/7/2023			5.84	6.39					
8/8/2023						6.35	6.06		6.48
2/20/2024	5.44	6.99		6.27				6.36	
2/21/2024			5.96		5.63	6.31			6.52
2/27/2024							6.7		
7/31/2024	5.3	6.77	5.83	6.29	5.49	6.27	5.93		6.39
8/1/2024								6.18	
2/19/2025				6.33		6.5	6.18		6.51
2/20/2025	5.44	6.95	5.89		5.48			6.3	
7/24/2025	5.36	6.77	5.95	6.27					
7/28/2025						6.22			
7/29/2025								6.09	
7/30/2025							5.9		6.37
7/31/2025					5.49				

Time Series

Constituent: pH, Field (SU) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	6.35
6/23/2016	
6/24/2016	
6/27/2016	6.41
8/16/2016	
8/17/2016	6.45
10/13/2016	
10/14/2016	
10/17/2016	6.43
10/18/2016	
12/5/2016	
12/6/2016	6.48
2/14/2017	6.39
4/10/2017	
4/11/2017	
4/12/2017	6.35
6/26/2017	
6/27/2017	6.41
10/10/2017	
10/11/2017	
10/12/2017	6.41
3/26/2018	
3/27/2018	6.66
6/5/2018	
6/6/2018	6.42
10/5/2018	
10/8/2018	
10/9/2018	6.51
2/18/2019	
2/19/2019	
2/20/2019	6.4
3/28/2019	
3/29/2019	
4/1/2019	6.41
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	6.5
2/13/2020	
2/17/2020	
2/18/2020	6.39
3/17/2020	
3/18/2020	
3/25/2020	6.35
3/26/2020	
5/19/2020	
9/14/2020	6.56
2/9/2021	6.35
3/30/2021	
3/31/2021	

Time Series

Constituent: pH, Field (SU) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
4/1/2021	6.32
4/7/2021	
8/17/2021	
8/18/2021	6.48
2/9/2022	
2/10/2022	6.47
8/17/2022	
8/18/2022	6.8
8/19/2022	
2/21/2023	
2/22/2023	6.51
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	6.66
2/20/2024	
2/21/2024	6.67
2/27/2024	
7/31/2024	
8/1/2024	6.57
2/19/2025	6.65
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	6.49
7/31/2025	

Time Series

Constituent: pH, Field (SU) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	6.24	5.7	5.84	6.28					
5/12/2016					6.09	5.79	4.76	5.29	6.21
5/13/2016									
6/27/2016	6.15								
6/28/2016		5.67	5.77	6.26	6.07	5.77	4.69	5.3	
6/29/2016	6.18								6.21
6/30/2016									
8/17/2016		5.55	5.71						
8/18/2016				6.23	6	5.75	4.73	5.3	6.24
8/22/2016	6.15								
10/17/2016		5.45	5.69	6.27	6.01	5.73			
10/18/2016	6.11						4.62	5.23	6.18
10/19/2016									6.2
12/6/2016		5.49	5.58	6.28	5.98				
12/7/2016	6.14					5.75	4.63	5.31	6.19
2/15/2017		5.29	5.54	6.21	5.74	5.58	4.51		6.25
2/16/2017	5.95							4.77	
4/12/2017		5.39	5.47	6.15	6.01	5.85	4.67		
4/13/2017	6.09							5.28	6.21
6/27/2017	6.09		5.47	6.23	6.05	5.86	4.66	5.22	6.27
6/28/2017									
10/11/2017			5.58	6.26	6.14	5.98			
10/12/2017	6.16	5.3					4.76	5.43	6.33
3/27/2018		5.58	5.65	6.32	6.25	5.87	4.61	5.28	6.26
3/28/2018	6.3								
6/6/2018	6.12	5.43	5.32	6.1					
6/7/2018					5.93	5.81	4.62	5.26	6.21
6/8/2018									
10/8/2018				6.16	6.02	5.83		5.29	6.17
10/9/2018	6.06	5.29							
10/16/2018			5.34				4.59		
10/17/2018			5.35				4.67		
10/18/2018									
2/20/2019		5.43	5.22	6.07	5.97		4.62	5.23	6.26
2/21/2019	6.1					5.65			
4/1/2019	6.11	5.46	5.24	6.14	6.06	5.89	4.72		
4/2/2019								5.27	6.26
9/16/2019	6.11		5.3	6.18					
9/17/2019		5.31			5.98	5.78	4.65	5.26	6.23
2/18/2020			5.09						
2/19/2020	6.03	5.07		6.07	5.94	5.75	4.58	5.16	6.16
2/20/2020									
3/24/2020									6.21
3/25/2020	6.01	5.26	5.16						
3/26/2020				6.1					
3/27/2020					5.89	5.74	4.51	5.17	
9/14/2020	6.33	5.51	5.14	6.11	6				
9/15/2020						6.01	4.87	5.56	6.42
2/9/2021	6.21	5.23	5.24	6.13	5.98	5.85	4.63	5.22	
2/10/2021									6.23
3/30/2021									
3/31/2021	6.2	5.3					4.77		

Time Series

Constituent: pH, Field (SU) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
4/1/2021								5.24	6.25
4/6/2021						5.84			
4/7/2021			5.18	6.44	6.07				
8/18/2021									6.26
8/19/2021	6.22	5.21	5.23		5.99	5.86	4.63	5.28	
8/20/2021				6.13					
2/10/2022	6.25		5.11	6.19				5.21	
2/11/2022		5.13			6.02		4.59		6.39
2/14/2022						5.77			
8/18/2022	6.52		5.06	6.12	5.78				
8/19/2022		5.22				5.62	4.61		
8/23/2022									
8/31/2022								5.1	6.26
10/25/2022								5.23	6.27
10/31/2022									
11/16/2022								5.17	6.23
2/22/2023	6.14	5.23	5.1						6.23
2/23/2023				6.04	5.94	5.72	4.59	5.13	
8/2/2023			5.09		5.92				
8/7/2023	6.29	5.2		5.83			4.55		6.25
8/8/2023						5.73		5.15	
2/21/2024	6.17								
2/23/2024		5.18	5.07	6.11	6.03				
2/26/2024							4.6	5.13	6.28
2/27/2024						5.84			
8/1/2024	6.18		5.03	5.97	5.84	5.56	4.68	4.91	
8/5/2024		5.17							6.12
2/19/2025	6.21	5.32		6.22	6.06	5.79		5.1	6.28
2/20/2025			5.38				4.55		
2/21/2025									
7/23/2025								5.02	6.11
7/25/2025									
7/30/2025	6.11	5.28			5.78		4.52		
7/31/2025			5.08	6.18		5.44			

Time Series

Constituent: pH, Field (SU) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	4.7
6/27/2016	
6/28/2016	
6/29/2016	
6/30/2016	4.69
8/17/2016	
8/18/2016	
8/22/2016	4.68
10/17/2016	
10/18/2016	
10/19/2016	4.65
12/6/2016	
12/7/2016	4.69
2/15/2017	
2/16/2017	4.77
4/12/2017	
4/13/2017	4.79
6/27/2017	
6/28/2017	4.78
10/11/2017	
10/12/2017	4.86
3/27/2018	
3/28/2018	4.74
6/6/2018	
6/7/2018	
6/8/2018	4.69
10/8/2018	
10/9/2018	
10/16/2018	
10/17/2018	
10/18/2018	4.7
2/20/2019	4.76
2/21/2019	
4/1/2019	
4/2/2019	4.72
9/16/2019	
9/17/2019	4.77
2/18/2020	
2/19/2020	
2/20/2020	4.64
3/24/2020	
3/25/2020	
3/26/2020	4.74
3/27/2020	
9/14/2020	
9/15/2020	4.94
2/9/2021	
2/10/2021	4.8
3/30/2021	4.82
3/31/2021	

Time Series

Constituent: pH, Field (SU) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	4.83
8/19/2021	
8/20/2021	
2/10/2022	4.86
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	4.8
8/31/2022	
10/25/2022	
10/31/2022	4.89
11/16/2022	
2/22/2023	5
2/23/2023	
8/2/2023	
8/7/2023	4.83
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	4.62
8/1/2024	
8/5/2024	4.85
2/19/2025	
2/20/2025	
2/21/2025	4.78
7/23/2025	
7/25/2025	4.86
7/30/2025	
7/31/2025	

Time Series

Constituent: pH, Field (SU) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		4.36	5.95	5.68	6.18				
5/13/2016	5.55								
6/29/2016	5.5	4.3	5.96	5.68	5.88				
8/19/2016				5.65	5.84				
8/22/2016	5.5	4.37	5.96						
10/18/2016	5.46	4.26	5.9	5.71	5.89				
12/7/2016			6.03	5.71	5.87				
12/8/2016	5.39	4.28							
2/15/2017					6.04				
2/16/2017	5.32	4.29	6.03	5.7					
4/13/2017	5.47	4.24	5.93	5.7	5.85				
6/28/2017	5.5	4.28	6	5.66	5.9				
10/12/2017	5.57	4.32	6.09	5.73	6.07				
3/27/2018					5.99				
3/28/2018	5.74	4.25	6.08	5.89					
6/7/2018		4.26	6.1	5.66	5.97				
6/8/2018	5.52								
10/8/2018			6.14	5.74	5.94				
10/9/2018	5.51								
10/17/2018									7.29
10/18/2018		4.3						6.68	
2/19/2019				5.69	5.9				
2/20/2019	5.58	4.26							
2/21/2019			6.08						
4/2/2019	5.5	4.33	6.09	5.65	5.87				
9/17/2019	5.55	4.37	6.27						
9/18/2019				5.66	5.97				
2/13/2020							5.29		
2/18/2020		4.3	6.06	5.59	5.95		5.54		
2/19/2020	5.53								
3/23/2020	5.51	4.19	6.12						
3/24/2020				5.62	6				
9/15/2020	5.51	4.3	6.1	5.65	5.89				
9/18/2020						5.29			
2/10/2021	5.55	4.22	6.21	5.58	5.85				
3/30/2021	5.57	4.32	6.17						
3/31/2021				5.73	5.93				
4/2/2021						5.03	5.38		6.62
8/18/2021			6.26	5.76	6.01		5.4		
8/19/2021	5.61	4.28							6.68
8/20/2021						5.03			
2/8/2022						4.92	5.42		
2/9/2022								6.71	6.55
2/10/2022				5.78	6.13				
2/11/2022	5.65	4.25	6.31						
8/22/2022	5.54	4.3	6.17	5.62	5.91				
8/23/2022							5.39		6.75
8/24/2022						5.09		6.74	
10/31/2022	5.53	4.32	6.29	5.72	6		5.46		6.69
2/22/2023	5.53	4.38							
2/23/2023			6.19	5.72	6	5.14	5.4	6.73	
2/24/2023									6.67

Time Series

Constituent: pH, Field (SU) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
8/1/2023							5.3	6.78	
8/2/2023						5.17			6.64
8/7/2023	5.45	4.29		5.7					
8/8/2023			6.29		5.92				
2/20/2024	5.61								
2/21/2024				5.71	6.02	5.14			
2/26/2024		4.15						6.9	
2/27/2024			6.29						6.54
2/28/2024							5.4		
5/6/2024								6.65	
8/1/2024	5.26							6.67	
8/2/2024		4.26	6.2	5.69	5.96				
8/5/2024						4.96	5.36		
8/6/2024									6.59
2/19/2025						5.23	5.45		
2/20/2025		4.17	6.44	5.7					
2/21/2025	5.59				5.93			7	
2/24/2025									6.61
7/24/2025	5.4	4.28							
7/28/2025			6.19	5.63	5.88				
7/29/2025							5.34	6.6	6.61
7/30/2025						5.18			

Time Series

Constituent: pH, Field (SU) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
10/12/2017	
3/27/2018	
3/28/2018	
6/7/2018	
6/8/2018	
10/8/2018	
10/9/2018	
10/17/2018	
10/18/2018	6.57
2/19/2019	
2/20/2019	
2/21/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
9/18/2020	
2/10/2021	
3/30/2021	
3/31/2021	
4/2/2021	
8/18/2021	
8/19/2021	
8/20/2021	
2/8/2022	
2/9/2022	
2/10/2022	6.11
2/11/2022	
8/22/2022	
8/23/2022	6.14
8/24/2022	
10/31/2022	6.96
2/22/2023	
2/23/2023	
2/24/2023	6.16

Time Series

Constituent: pH, Field (SU) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
8/1/2023	6.12
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	
2/21/2024	
2/26/2024	
2/27/2024	6.22
2/28/2024	
5/6/2024	
8/1/2024	
8/2/2024	
8/5/2024	6.3
8/6/2024	
2/19/2025	
2/20/2025	6.39
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	6.1
7/30/2025	

Time Series

Constituent: pH, Field (SU) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				7.05					
10/17/2018				7.03					
10/18/2018	6.07	6.33	6.52						
2/13/2020	5.89								6.64
2/14/2020								6.3	
2/18/2020								6.28	
2/19/2020	5.86								6.64
3/2/2020				6.53					
3/31/2021				6.61					
4/5/2021	5.96								
4/7/2021			6.28	7.04					
8/18/2021			6.35	6.5					
8/19/2021	5.91								
2/9/2022	5.95	6.25	6.66	6.57					
2/10/2022					6.61				
8/22/2022		6.27							
8/24/2022	5.87		9.96	6.61	6.86				
10/31/2022		6.48							
2/23/2023	5.91	6.36							
2/24/2023			6.97		6.54				
2/28/2023				6.54					
8/2/2023	5.89	6.38	6.87	6.57	6.41				
2/23/2024				6.65	6.47				
2/27/2024	6.02	6.47	7.15						
8/1/2024				6.64					
8/2/2024			6.75		6.42				
8/5/2024		6.22							
8/6/2024	5.88								
2/20/2025		7.33							
2/21/2025	5.93								
2/24/2025			7.43	6.77	6.57				
7/29/2025	5.86	6.26	10.18	6.64	6.57	6.43	5.65		
9/9/2025						6.34 (R)	5.77 (R)		
10/8/2025								6.23	6.54

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005		
5/11/2016				<0.005				<0.005	<0.005
6/23/2016	<0.005	<0.005			<0.005	<0.005			
6/24/2016			<0.005	<0.005					
6/27/2016							<0.005	<0.005	<0.005
8/16/2016	<0.005	<0.005	<0.005		<0.005	<0.005			
8/17/2016				<0.005			<0.005	<0.005	<0.005
10/13/2016	<0.005					<0.005			
10/14/2016		<0.005	<0.005		<0.005		<0.005		
10/17/2016				<0.005				<0.005	
10/18/2016									<0.005
12/5/2016						<0.005			
12/6/2016	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
2/14/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/10/2017						<0.005			
4/11/2017	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
4/12/2017								0.00034 (J)	<0.005
6/26/2017	<0.005	<0.005	0.00029 (J)	0.00041 (J)	<0.005	<0.005			
6/27/2017							<0.005	0.00057 (J)	<0.005
3/26/2018	<0.005	<0.005	<0.005			<0.005			
3/27/2018				<0.005	<0.005		<0.005	<0.005	<0.005
6/5/2018	0.00065 (J)	0.00098 (J)			0.00039 (J)	0.00041 (J)	0.00029 (J)		
6/6/2018			<0.005	<0.005				0.00032 (J)	<0.005
10/5/2018	0.00031 (J)	0.00028 (J)	0.00024 (J)			<0.005			
10/8/2018				0.00041 (J)	<0.005		<0.005	<0.005	
10/9/2018									0.00034 (J)
2/18/2019	<0.005	0.00017 (J)		<0.005					
2/19/2019			0.00012 (J)		<0.005	<0.005	<0.005		
2/20/2019								<0.005	<0.005
3/28/2019			<0.005	<0.005	<0.005		<0.005		
3/29/2019	<0.005	<0.005				<0.005			
4/1/2019									<0.005
4/2/2019								<0.005	
9/12/2019					<0.005				
9/13/2019						<0.005			
9/16/2019	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	
9/17/2019									<0.005
2/13/2020	<0.005	<0.005				<0.005			
2/17/2020					<0.005		<0.005		
2/18/2020			<0.005	<0.005				<0.005	<0.005
3/17/2020		<0.005	<0.005		<0.005		<0.005		
3/18/2020	<0.005			<0.005		<0.005			
3/25/2020								<0.005	
3/26/2020									<0.005
9/14/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/30/2021	<0.005	<0.005				<0.005			
3/31/2021			<0.005	<0.005	<0.005				
4/1/2021								<0.005	<0.005
4/7/2021							<0.005		
8/17/2021	<0.005	<0.005		<0.005			<0.005		
8/18/2021			<0.005		<0.005	<0.005		<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
2/10/2022						<0.005			
8/17/2022	<0.005	<0.005							
8/18/2022			<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
8/19/2022								<0.005	
2/21/2023	<0.005		<0.005		<0.005				
2/22/2023		<0.005		<0.005				<0.005	<0.005
2/23/2023						<0.005	<0.005		
8/1/2023	<0.005	<0.005			<0.005			<0.005	
8/7/2023			<0.005	<0.005					
8/8/2023						<0.005	<0.005		<0.005
2/20/2024	<0.005	<0.005		<0.005				<0.005	
2/21/2024			<0.005		<0.005	<0.005			<0.005
2/27/2024							<0.005		
7/31/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
8/1/2024								<0.005	
2/19/2025				<0.005		<0.005	<0.005		<0.005
2/20/2025	<0.005	<0.005	<0.005		<0.005			<0.005	
7/24/2025	<0.005	<0.005	<0.005	<0.005					
7/28/2025						<0.005			
7/29/2025								<0.005	
7/30/2025							<0.005		<0.005
7/31/2025					<0.005				

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	<0.005
6/23/2016	
6/24/2016	
6/27/2016	<0.005
8/16/2016	
8/17/2016	<0.005
10/13/2016	
10/14/2016	
10/17/2016	<0.005
10/18/2016	
12/5/2016	
12/6/2016	<0.005
2/14/2017	<0.005
4/10/2017	
4/11/2017	
4/12/2017	<0.005
6/26/2017	
6/27/2017	<0.005
3/26/2018	
3/27/2018	<0.005
6/5/2018	
6/6/2018	<0.005
10/5/2018	
10/8/2018	
10/9/2018	<0.005
2/18/2019	
2/19/2019	
2/20/2019	<0.005
3/28/2019	
3/29/2019	
4/1/2019	<0.005
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	<0.005
2/13/2020	
2/17/2020	
2/18/2020	<0.005
3/17/2020	
3/18/2020	
3/25/2020	<0.005
3/26/2020	
9/14/2020	<0.005
2/9/2021	<0.005
3/30/2021	
3/31/2021	
4/1/2021	<0.005
4/7/2021	
8/17/2021	
8/18/2021	<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
2/9/2022	
2/10/2022	<0.005
8/17/2022	
8/18/2022	<0.005
8/19/2022	
2/21/2023	
2/22/2023	<0.005
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	<0.005
2/20/2024	
2/21/2024	<0.005
2/27/2024	
7/31/2024	
8/1/2024	<0.005
2/19/2025	<0.005
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	<0.005
7/31/2025	

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	<0.005	<0.005	<0.005	<0.005					
5/12/2016					<0.005	<0.005	0.00965 (J)	<0.005	<0.005
5/13/2016									
6/28/2016		<0.005	<0.005	<0.005	<0.005	<0.005	0.0101	<0.005	
6/29/2016	<0.005								<0.005
6/30/2016									
8/17/2016		<0.005	<0.005						
8/18/2016				0.00031 (J)	<0.005	<0.005	0.0014	0.00053 (J)	<0.005
8/22/2016	<0.005								
10/17/2016		<0.005	<0.005	<0.005	0.0003 (J)	<0.005			
10/18/2016	<0.005						0.0013	<0.005	
10/19/2016									<0.005
12/6/2016		<0.005	<0.005	<0.005	<0.005				
12/7/2016	<0.005					<0.005	0.0007 (J)	<0.005	<0.005
2/15/2017		<0.005	<0.005	<0.005	<0.005	0.00066 (J)	0.00075 (J)		<0.005
2/16/2017	<0.005							<0.005	
4/12/2017		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
4/13/2017	<0.005							<0.005	<0.005
6/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0013	0.001 (J)	0.00024 (J)
6/28/2017									
3/27/2018		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/28/2018	<0.005								
6/6/2018	<0.005	<0.005	<0.005	<0.005					
6/7/2018					0.00064 (J)	0.00084 (J)	0.0014	0.0013	0.00064 (J)
6/8/2018									
10/8/2018				<0.005	<0.005	<0.005		0.0014	0.00028 (J)
10/9/2018	<0.005	<0.005							
10/16/2018			0.00046 (J)				0.0021		
10/18/2018									
1/2/2019									
2/20/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0034	0.0012 (J)	<0.005
4/1/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
4/2/2019								0.0021	<0.005
9/16/2019	<0.005		<0.005	<0.005					
9/17/2019		<0.005			<0.005	<0.005	<0.005	<0.005	<0.005
2/18/2020			<0.005						
2/19/2020	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/20/2020									
3/24/2020									<0.005
3/25/2020	<0.005	<0.005	<0.005						
3/26/2020				<0.005					
3/27/2020					<0.005	<0.005	<0.005	<0.005	
9/14/2020	<0.005	<0.005	<0.005	<0.005	<0.005				
9/15/2020						<0.005	<0.005	<0.005	<0.005
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/10/2021									<0.005
3/30/2021									
3/31/2021	<0.005	<0.005					<0.005		
4/1/2021								<0.005	<0.005
4/6/2021						<0.005			
4/7/2021			<0.005	<0.005	<0.005				
8/18/2021									<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2021	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	
8/20/2021				<0.005					
2/10/2022	<0.005		<0.005	<0.005				0.00092 (J)	
2/11/2022		<0.005			<0.005		<0.005		<0.005
2/14/2022						<0.005			
8/18/2022	<0.005		<0.005	<0.005	<0.005				
8/19/2022		<0.005				<0.005	<0.005		
8/23/2022									
8/31/2022								0.001 (J)	<0.005
2/22/2023	<0.005	<0.005	<0.005						<0.005
2/23/2023				<0.005	<0.005	<0.005	<0.005	0.00093 (J)	
8/2/2023			<0.005		<0.005				
8/7/2023	<0.005	<0.005		<0.005			<0.005		<0.005
8/8/2023						<0.005		<0.005	
2/21/2024	<0.005								
2/23/2024		<0.005	<0.005	<0.005	<0.005				
2/26/2024							0.0084	<0.005	<0.005
2/27/2024						<0.005			
8/1/2024	<0.005		<0.005	<0.005	<0.005	<0.005	0.0048 (J)	<0.005	
8/5/2024		<0.005							<0.005
2/19/2025	<0.005	<0.005		<0.005	<0.005	<0.005		<0.005	<0.005
2/20/2025			<0.005				0.0035 (J)		
2/21/2025									
7/23/2025								<0.005	<0.005
7/25/2025									
7/30/2025	<0.005	<0.005			<0.005		<0.005		
7/31/2025			<0.005	<0.005		<0.005			

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	0.023
6/28/2016	
6/29/2016	
6/30/2016	0.0263
8/17/2016	
8/18/2016	
8/22/2016	0.0066
10/17/2016	
10/18/2016	
10/19/2016	0.0057
12/6/2016	
12/7/2016	0.006
2/15/2017	
2/16/2017	0.0055
4/12/2017	
4/13/2017	0.0049
6/27/2017	
6/28/2017	0.0047
3/27/2018	
3/28/2018	0.0085
6/6/2018	
6/7/2018	
6/8/2018	0.014
10/8/2018	
10/9/2018	
10/16/2018	
10/18/2018	0.017
1/2/2019	0.0034
2/20/2019	0.027
4/1/2019	
4/2/2019	0.0075
9/16/2019	
9/17/2019	0.0036
2/18/2020	
2/19/2020	
2/20/2020	0.0024 (J)
3/24/2020	
3/25/2020	
3/26/2020	0.0019 (J)
3/27/2020	
9/14/2020	
9/15/2020	0.003 (J)
2/9/2021	
2/10/2021	0.0016 (J)
3/30/2021	<0.005
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	0.002 (J)

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2021	
8/20/2021	
2/10/2022	0.0021 (J)
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	0.00085 (J)
8/31/2022	
2/22/2023	<0.005
2/23/2023	
8/2/2023	
8/7/2023	<0.005
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	0.0053
8/1/2024	
8/5/2024	0.0064
2/19/2025	
2/20/2025	
2/21/2025	0.0031 (J)
7/23/2025	
7/25/2025	0.005
7/30/2025	
7/31/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		0.00396 (J)	<0.005	<0.005	<0.005				
5/13/2016	<0.005								
6/29/2016	<0.005	0.0053 (J)	<0.005	<0.005	<0.005				
8/19/2016				<0.005	<0.005				
8/22/2016	<0.005	0.0012 (J)	<0.005						
10/18/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
12/7/2016			<0.005	<0.005	<0.005				
12/8/2016	<0.005	<0.005							
2/15/2017					<0.005				
2/16/2017	<0.005	<0.005	<0.005	<0.005					
4/13/2017	<0.005	<0.005	<0.005	<0.005	<0.005				
6/28/2017	0.00096 (J)	0.00064 (J)	<0.005	<0.005	0.00033 (J)				
3/27/2018					<0.005				
3/28/2018	<0.005	<0.005	<0.005	<0.005					
6/7/2018		0.00066 (J)	<0.005	<0.005	<0.005				
6/8/2018	0.00063 (J)								
10/8/2018			<0.005	<0.005	0.00026 (J)				
10/9/2018	0.0005 (J)								
10/17/2018									<0.005
10/18/2018		0.00049 (J)						0.00047 (J)	
1/10/2019							<0.005		
2/19/2019				<0.005	0.00021 (J)				
2/20/2019	<0.005	0.0011 (J)	<0.005						
4/2/2019	<0.005	<0.005	<0.005	<0.005	<0.005				
9/17/2019	<0.005	<0.005	<0.005						
9/18/2019				<0.005	<0.005				
2/13/2020							<0.005		
2/18/2020		<0.005	<0.005	<0.005	<0.005				
2/19/2020	<0.005								
3/23/2020	<0.005	<0.005	<0.005						
3/24/2020				<0.005	<0.005				
9/15/2020	<0.005	<0.005	<0.005	<0.005	<0.005				
2/10/2021	<0.005	<0.005	<0.005	<0.005	<0.005				
3/30/2021	<0.005	<0.005	<0.005						
3/31/2021				<0.005	<0.005				
8/18/2021			<0.005	<0.005	<0.005				
8/19/2021	<0.005	<0.005							
2/8/2022						<0.005	<0.005		
2/9/2022								<0.005	0.0022 (J)
2/10/2022				<0.005	<0.005				
2/11/2022	<0.005	<0.005	<0.005						
8/22/2022	0.00099 (J)	<0.005	<0.005	<0.005	<0.005				
8/23/2022							<0.005		0.0014 (J)
8/24/2022						<0.005		<0.005	
2/22/2023	<0.005	<0.005							
2/23/2023			<0.005	<0.005	0.00075 (J)	<0.005	<0.005	<0.005	
2/24/2023									0.0019 (J)
8/1/2023							<0.005	<0.005	
8/2/2023						<0.005			0.0014 (J)
8/7/2023	<0.005	<0.005		<0.005					
8/8/2023			<0.005		<0.005				
2/20/2024	<0.005								

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
2/21/2024				<0.005	<0.005	<0.005			
2/26/2024		0.0041 (J)						<0.005	
2/27/2024			<0.005						<0.005
2/28/2024							<0.005		
8/1/2024	<0.005							<0.005	
8/2/2024		0.002 (J)	<0.005	<0.005	<0.005				
8/5/2024						<0.005	<0.005		
8/6/2024									0.001 (J)
2/19/2025						<0.005	<0.005		
2/20/2025		<0.005	<0.005	<0.005					
2/21/2025	<0.005				<0.005			<0.005	
2/24/2025									0.0015 (J)
7/24/2025	<0.005	<0.005							
7/28/2025			<0.005	<0.005	<0.005				
7/29/2025							<0.005	<0.005	<0.005
7/30/2025						<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
3/27/2018	
3/28/2018	
6/7/2018	
6/8/2018	
10/8/2018	
10/9/2018	
10/17/2018	
10/18/2018	0.00059 (J)
1/10/2019	
2/19/2019	
2/20/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
2/10/2021	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	<0.005
2/11/2022	
8/22/2022	
8/23/2022	<0.005
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	<0.005
8/1/2023	<0.005
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
2/21/2024	
2/26/2024	
2/27/2024	<0.005
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	<0.005
8/6/2024	
2/19/2025	
2/20/2025	<0.005
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	<0.005
7/30/2025	

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				0.00046 (J)					
10/18/2018	0.0045	0.00026 (J)	<0.005						
1/3/2019									<0.005
1/8/2019								<0.005	
2/13/2020									<0.005
2/14/2020								<0.005	
2/19/2020	0.0053								
2/9/2022	0.0061	<0.005	<0.005	<0.005					
2/10/2022					<0.005				
8/22/2022		<0.005							
8/24/2022	0.0062		<0.005	<0.005	<0.005				
2/23/2023	0.0071	<0.005							
2/24/2023			<0.005		<0.005				
2/28/2023				<0.005					
8/2/2023	0.0069	<0.005	<0.005	<0.005	<0.005				
2/23/2024				<0.005	<0.005				
2/27/2024	0.0073	<0.005	<0.005						
8/1/2024				<0.005					
8/2/2024			<0.005		<0.005				
8/5/2024		<0.005							
8/6/2024	0.0065								
2/20/2025		<0.005							
2/21/2025	0.0051								
2/24/2025			<0.005	<0.005	<0.005				
7/29/2025	0.0052	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
10/8/2025								<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	0.6766 (J)	0.4053 (J)	2.82		0.4716 (J)	<1	0.686 (J)		
5/11/2016				3.75				0.866 (J)	21.6
6/23/2016	0.94 (J)	0.55 (J)			0.46 (J)	0.3 (J)			
6/24/2016			2.3	3					
6/27/2016							0.61 (J)	0.86 (J)	17
8/16/2016	1.2	<1	1.5		<1	<1			
8/17/2016				1.8			<1	<1	19
10/13/2016	2.9					<1			
10/14/2016		<1	1.2		<1		<1		
10/17/2016				1.4				<1	
10/18/2016									17
12/5/2016						<1			
12/6/2016	3.2	<1	1.3	1.4	<1		<1	<1	18
2/14/2017	0.76 (J)	<1	1.9	1.1	<1	<1	<1	1	21
4/10/2017						<1			
4/11/2017	<1	<1	1.3	1	<1		<1		
4/12/2017								<1	18
6/26/2017	0.74 (J)	<1	1.5	0.99 (J)	<1	<1			
6/27/2017							<1	<1	19
10/10/2017	0.76 (J)	<1				<1			
10/11/2017			0.98 (J)	0.93 (J)	<1		<1	<1	15
10/12/2017									
6/5/2018	<1	<1			<1	<1	<1		
6/6/2018			1.8	0.89 (J)				<1	14
12/13/2018	<1	<1	1.4	0.76 (J)	<1	<1	<1		
12/14/2018								<1	10
3/28/2019			1.9	1.2	<1		<1		
3/29/2019	<1	0.65 (J)				<1			
4/1/2019									16
4/2/2019								1.3	
9/12/2019					<1				
9/13/2019						<1			
9/16/2019	0.98 (J)	0.68 (J)	0.92 (J)	1.1			<1	0.53 (J)	
9/17/2019									8.7
3/17/2020		0.78 (J)	1.6		0.55 (J)		0.61 (J)		
3/18/2020	1.2			1.3		0.45 (J)			
3/25/2020								0.58 (J)	
3/26/2020									15
9/14/2020	0.58 (J)	<1	0.82 (J)	0.96 (J)	<1	<1	<1	0.46 (J)	17
3/30/2021	1.2	<1				<1			
3/31/2021			1.1	1.1	<1				
4/1/2021								<1	18
4/7/2021							<1		
8/17/2021	<1	<1		1.1			<1		
8/18/2021			0.9 (J)		<1	1		<1	12
2/9/2022	1	1.2	1.3	1.1	<1		<1	0.88 (J)	7.1
2/10/2022						<1			
8/17/2022	0.94 (J)	0.87 (J)							
8/18/2022			<1	<1	<1	<1	<1		5.3
8/19/2022								<1	
2/21/2023	1.3		1.6		1.2				
2/22/2023		1.4		1.4				1.4	6.7

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/23/2023						1.6	1.3		
8/1/2023	0.48 (J)	0.48 (J)			<1			0.4 (J)	
8/7/2023			0.64 (J)	0.53 (J)					
8/8/2023						<1	<1		4.5
2/20/2024	0.88 (J)	0.9 (J)		<1				1.5	
2/21/2024			0.69 (J)		<1	<1			5.2
2/27/2024							0.55 (J)		
7/31/2024	0.52 (J)	0.45 (J)	0.67 (J)	0.46 (J)	<1	<1	<1		4.8
8/1/2024								<1	
2/19/2025				0.51 (J)		<1	<1		4.8
2/20/2025	0.5 (J)	<1	0.59 (J)		<1			<1	
7/24/2025	1.3	1.5	1.3	1.1					
7/28/2025						<1			
7/29/2025								<1	
7/30/2025							<1		4.4
7/31/2025					<1				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	61.6
6/23/2016	
6/24/2016	
6/27/2016	64
8/16/2016	
8/17/2016	63
10/13/2016	
10/14/2016	
10/17/2016	64
10/18/2016	
12/5/2016	
12/6/2016	72
2/14/2017	73
4/10/2017	
4/11/2017	
4/12/2017	64
6/26/2017	
6/27/2017	77
10/10/2017	
10/11/2017	
10/12/2017	74
6/5/2018	
6/6/2018	74
12/13/2018	
12/14/2018	72
3/28/2019	
3/29/2019	
4/1/2019	67
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	77
3/17/2020	
3/18/2020	
3/25/2020	62
3/26/2020	
9/14/2020	81
3/30/2021	
3/31/2021	
4/1/2021	74
4/7/2021	
8/17/2021	
8/18/2021	78
2/9/2022	
2/10/2022	80
8/17/2022	
8/18/2022	78
8/19/2022	
2/21/2023	
2/22/2023	52

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	41
2/20/2024	
2/21/2024	44
2/27/2024	
7/31/2024	
8/1/2024	29
2/19/2025	37
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	37
7/31/2025	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	313	7.43	6.31	30.1					
5/12/2016					89.7	194	194	9.9	125
5/13/2016									
6/28/2016		6.3	3.7	25	76	200	200	11	
6/29/2016	280								120
6/30/2016									
8/17/2016		11	2.4						
8/18/2016				24	78	180	190	14	130
8/22/2016	300								
10/17/2016		4.4	2.1	23	73	190			
10/18/2016	280						190	15	
10/19/2016									140
12/6/2016		11	1.9	28	76				
12/7/2016	280					200	200	17	160
2/15/2017		1.3	1.2	33	73	190	190		160
2/16/2017	300							17	
4/12/2017		2.8	1	30	70	170	170		
4/13/2017	280							15	140
6/27/2017	340	8.2	1.2	33	78	200	200	19	160
6/28/2017									
10/11/2017			0.82 (J)	33	72	190			
10/12/2017	310	1.3					190	20	170
6/6/2018	320	2.9	0.89 (J)	41					
6/7/2018					69	190	190	25	170
6/8/2018									
10/16/2018			1.3				200		
10/18/2018									
12/14/2018				43	74	190			180
12/17/2018	330	16						28	
1/2/2019									
4/1/2019	310	21	0.81 (J)	48	82	180	190		
4/2/2019								31	180
9/16/2019	310		0.72 (J)	44					
9/17/2019		2.3			79	200	220	33	200
3/24/2020									190
3/25/2020	300	14	0.58 (J)						
3/26/2020				44					
3/27/2020					81	180	190	35	
9/14/2020	220	2.2	0.59 (J)	41	89				
9/15/2020						180	190	36	190
3/30/2021									
3/31/2021	240	15					200		
4/1/2021								37	210
4/6/2021						190			
4/7/2021			1.3	54	96				
8/18/2021									200
8/19/2021	160	2.2	<1		82	190	200	38	
8/20/2021				60					
2/10/2022	190		<1	41				45	
2/11/2022		2.1			94		200		190
2/14/2022						220			
8/18/2022	200		<1	50	95				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2022		4.5				200	180		
8/23/2022									
8/31/2022								49	220
2/22/2023	200	18	3.1						230
2/23/2023				57	96	210	190	55	
8/2/2023			4.8		100				
8/7/2023	200	7.1		54			190		240
8/8/2023						210		59	
2/21/2024	200								
2/23/2024		9.1	8	61	110				
2/26/2024							210	69	270
2/27/2024						240			
8/1/2024	160		13	59	120	200	240	73	
8/5/2024		23							290
2/19/2025	120	36		83	170	230		84	340
2/20/2025			31				210		
2/21/2025									
7/23/2025								87	360
7/25/2025									
7/30/2025	190	49			170		200		
7/31/2025			28	86		220			

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	484
6/28/2016	
6/29/2016	
6/30/2016	490
8/17/2016	
8/18/2016	
8/22/2016	500
10/17/2016	
10/18/2016	
10/19/2016	520
12/6/2016	
12/7/2016	510
2/15/2017	
2/16/2017	450
4/12/2017	
4/13/2017	380
6/27/2017	
6/28/2017	390
10/11/2017	
10/12/2017	430
6/6/2018	
6/7/2018	
6/8/2018	870
10/16/2018	
10/18/2018	1200
12/14/2018	
12/17/2018	
1/2/2019	1100
4/1/2019	
4/2/2019	1100
9/16/2019	
9/17/2019	1100
3/24/2020	
3/25/2020	
3/26/2020	1000
3/27/2020	
9/14/2020	
9/15/2020	860
3/30/2021	960
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	940
8/19/2021	
8/20/2021	
2/10/2022	890
2/11/2022	
2/14/2022	
8/18/2022	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2022	
8/23/2022	910
8/31/2022	
2/22/2023	790
2/23/2023	
8/2/2023	
8/7/2023	760
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	870
8/1/2024	
8/5/2024	870
2/19/2025	
2/20/2025	
2/21/2025	850
7/23/2025	
7/25/2025	870
7/30/2025	
7/31/2025	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		255	76.9	85.3	131				
5/13/2016	212								
6/29/2016	220	270	78	84	120				
8/19/2016				81	120				
8/22/2016	220	270	78						
10/18/2016	210	240	70	83	130				
12/7/2016			80	85	140				
12/8/2016	220	240							
2/15/2017					120				
2/16/2017	210	230	77	83					
4/13/2017	190	220	70	79	100				
6/28/2017	220	240	82	90	120				
10/12/2017	210	210	76	87	120				
6/7/2018		210	79	94	100				
6/8/2018	220								
10/17/2018									4
10/18/2018		210						92	
12/17/2018	270		88	99	96				
1/10/2019							<1		
4/2/2019	240	220	92	100	95				
9/17/2019	260	220	99						
9/18/2019				100	95				
2/13/2020							0.7 (J)		
3/23/2020	250	220	120						
3/24/2020				100	71				
9/15/2020	250	200	130	110	72				
3/30/2021	270	220	140						
3/31/2021				120	75				
8/18/2021			130	110	66				
8/19/2021	280	230							
2/8/2022						<1	<1		
2/9/2022								100	38
2/10/2022				100	73				
2/11/2022	260	230	120						
8/22/2022	260	220	130	110	61				
8/23/2022							<1		36
8/24/2022						<1		100	
2/22/2023	260	230							
2/23/2023			120	120	64	1.6	1.1	120	
2/24/2023									45
8/1/2023							<1	100	
8/2/2023						0.5 (J)			36
8/7/2023	260	240		110					
8/8/2023			110		55				
2/20/2024	310								
2/21/2024				110	64	1.6			
2/26/2024		280						110	
2/27/2024			130						40
2/28/2024							<1		
8/1/2024	26							99	
8/2/2024		260	100	93	45				
8/5/2024						27	<1		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
8/6/2024									33
2/19/2025						0.43 (J)	<1		
2/20/2025		280	120	88					
2/21/2025	270				52			92	
2/24/2025									40
7/24/2025	290	270							
7/28/2025			120	71	36				
7/29/2025							<1	85	33
7/30/2025						<1			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
10/12/2017	
6/7/2018	
6/8/2018	
10/17/2018	
10/18/2018	570
12/17/2018	
1/10/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
3/23/2020	
3/24/2020	
9/15/2020	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	720
2/11/2022	
8/22/2022	
8/23/2022	640
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	700
8/1/2023	720
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	
2/21/2024	
2/26/2024	
2/27/2024	820
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	630

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
8/6/2024	
2/19/2025	
2/20/2025	460
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	710
7/30/2025	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				6					
10/18/2018	550	250	140						
1/3/2019									36
1/8/2019								5	
2/13/2020									1.7
2/14/2020								18	
2/19/2020	520								
2/9/2022	<1	240	150	0.76 (J)					
2/10/2022					110				
8/22/2022		240							
8/24/2022	540		170	0.78 (J)	100				
2/23/2023	660	260							
2/24/2023			160		100				
2/28/2023				1.7					
8/2/2023	630	240	150	0.53 (J)	94				
2/23/2024				0.55 (J)	110				
2/27/2024	760	270	180						
8/1/2024				0.43 (J)					
8/2/2024			150		93				
8/5/2024		140							
8/6/2024	750								
2/20/2025		190							
2/21/2025	890								
2/24/2025			150	<1	110				
7/29/2025	830	250	110	<1	91	70	200		
10/8/2025								74 (F1)	33

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	44	96	59		64	110	100		
5/11/2016				91				104	222
6/23/2016	38	91			58	118			
6/24/2016			39	78					
6/27/2016							117	112	275
8/16/2016	22	100	38		52	110			
8/17/2016				100			86	86	220
10/13/2016	66					120			
10/14/2016		100	34		58		80		
10/17/2016				58				60	
10/18/2016									210
12/5/2016						110			
12/6/2016	54	110	70	98	72		110	90	250
2/14/2017	18	76	32	78	52	86	98	54	210
4/10/2017						120			
4/11/2017	50	120	64	110	78		110		
4/12/2017								64	200
6/26/2017	60	110	64	110	80	130			
6/27/2017							18	40	180
10/10/2017	36	100				110			
10/11/2017			42	120	64		94	82	210
10/12/2017									
6/5/2018	8	74			50	76	80		
6/6/2018			46	120				100	210
12/13/2018	16	110	4 (J)	94	58	100	4 (J)		
12/14/2018								44	170
3/28/2019			43	110	58		79		
3/29/2019	<10	72				110			
4/1/2019									200
4/2/2019								91	
9/12/2019					22				
9/13/2019						200			
9/16/2019	17	91	19	57			42	76	
9/17/2019									140
3/17/2020		100	52		30		98		
3/18/2020	25			140		110			
3/25/2020								94	
3/26/2020									180
9/14/2020	20	93	55	110	36	95	71	99	200
3/30/2021	32	110				110			
3/31/2021			57	120	35				
4/1/2021								83	200
4/7/2021							95		
8/17/2021	27	110		130			97		
8/18/2021			66		53	120		140	210
2/9/2022	45	100	54	110	60		93	130	170
2/10/2022						130			
8/17/2022	82	130							
8/18/2022			64	140	94	170	88		200
8/19/2022								150	
2/21/2023	41		55		65				
2/22/2023		100		120				120	170

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/23/2023						130	90		
8/1/2023	61	110			80			100	
8/7/2023			59	130					
8/8/2023						130	91		170
2/20/2024	45	100		130				120	
2/21/2024			54		78	140			160
2/27/2024							96		
7/31/2024	47	110	59	130	80	130	90		170
8/1/2024								130	
2/19/2025				120		130	92		160
2/20/2025	48	100	51		74			130	
7/24/2025	71	160	100	210					
7/28/2025						150			
7/29/2025								130	
7/30/2025							76		160
7/31/2025					82				

Time Series

Constituent: TDS (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	330
6/23/2016	
6/24/2016	
6/27/2016	423
8/16/2016	
8/17/2016	410
10/13/2016	
10/14/2016	
10/17/2016	370
10/18/2016	
12/5/2016	
12/6/2016	420
2/14/2017	370
4/10/2017	
4/11/2017	
4/12/2017	370
6/26/2017	
6/27/2017	380
10/10/2017	
10/11/2017	
10/12/2017	400
6/5/2018	
6/6/2018	410
12/13/2018	
12/14/2018	390
3/28/2019	
3/29/2019	
4/1/2019	370
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	380
3/17/2020	
3/18/2020	
3/25/2020	360
3/26/2020	
9/14/2020	360
3/30/2021	
3/31/2021	
4/1/2021	360
4/7/2021	
8/17/2021	
8/18/2021	410
2/9/2022	
2/10/2022	400
8/17/2022	
8/18/2022	420
8/19/2022	
2/21/2023	
2/22/2023	350

Time Series

Constituent: TDS (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	360
2/20/2024	
2/21/2024	320
2/27/2024	
7/31/2024	
8/1/2024	300
2/19/2025	330
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	310
7/31/2025	

Time Series

Constituent: TDS (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	527	68	80	195					
5/12/2016					190	309	298	46	261
5/13/2016									
6/28/2016		41	134	200	198	333	337	60	
6/29/2016	562								323
6/30/2016									
8/17/2016		70	42						
8/18/2016				200	180	320	310	48	310
8/22/2016	500								
10/17/2016		6	24	160	140	320			
10/18/2016	490						320	60	
10/19/2016									330 (D)
12/6/2016		40	70	220	110				
12/7/2016	510					340	270	64	370
2/15/2017		18	34	200	160	340	310		350
2/16/2017	520							40	
4/12/2017		18	36	180	140	300	280		
4/13/2017	590							76	390
6/27/2017	550	50	8	200	170	320	290	50	350
6/28/2017									
10/11/2017			56	190	170	340			
10/12/2017	560	46					330	68	380
6/6/2018	590	38	40	260					
6/7/2018					190	340	310	74	360
6/8/2018									
10/16/2018			100				350		
10/18/2018									
12/14/2018				190	140	280			390
12/17/2018	510	38						42	
1/2/2019									
4/1/2019	580	82	33	200	190	330	330		
4/2/2019								73	400
9/16/2019	550		<10	200					
9/17/2019		17			170	310	320	59	380
3/24/2020									430
3/25/2020	540	59	38						
3/26/2020				200					
3/27/2020					200	330	330	99	
9/14/2020	470	45	39	190	190				
9/15/2020						360	340	90	440
3/30/2021									
3/31/2021	430	64					300		
4/1/2021								88	410
4/6/2021						320			
4/7/2021			40	210	200				
8/18/2021									450
8/19/2021	380	54	36		210	370	320	100	
8/20/2021				220					
2/10/2022	410		39	210				100	
2/11/2022		44			200		310		440
2/14/2022						360			
8/18/2022	470		54	230	240				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2022		63				370	320		
8/23/2022									
11/16/2022								110	430
2/22/2023	430	56	41						470
2/23/2023				220	230	390	300	130	
8/2/2023			52		220				
8/7/2023	430	60		210			360		470
8/8/2023						360		130	
2/21/2024	380								
2/23/2024		52	55	170	220				
2/26/2024							320	140	490
2/27/2024						330			
8/1/2024	360		69	220	240	340	320	150	
8/5/2024		86							520
2/19/2025	310	93		220	280	350		150	520
2/20/2025			90				320		
2/21/2025									
7/23/2025								170	720
7/25/2025									
7/30/2025	460	120			360		440		
7/31/2025			97	260		420			

Time Series

Constituent: TDS (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	728
6/28/2016	
6/29/2016	
6/30/2016	742
8/17/2016	
8/18/2016	
8/22/2016	670
10/17/2016	
10/18/2016	
10/19/2016	700
12/6/2016	
12/7/2016	720
2/15/2017	
2/16/2017	600
4/12/2017	
4/13/2017	640
6/27/2017	
6/28/2017	540
10/11/2017	
10/12/2017	640
6/6/2018	
6/7/2018	
6/8/2018	820
10/16/2018	
10/18/2018	1200
12/14/2018	
12/17/2018	
1/2/2019	1600
4/1/2019	
4/2/2019	1700
9/16/2019	
9/17/2019	1600
3/24/2020	
3/25/2020	
3/26/2020	1600
3/27/2020	
9/14/2020	
9/15/2020	1500
3/30/2021	1500
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	1400
8/19/2021	
8/20/2021	
2/10/2022	1400
2/11/2022	
2/14/2022	
8/18/2022	

Time Series

Constituent: TDS (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2022	
8/23/2022	1300
11/16/2022	
2/22/2023	1200
2/23/2023	
8/2/2023	
8/7/2023	1200
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	1200
8/1/2024	
8/5/2024	1200
2/19/2025	
2/20/2025	
2/21/2025	1100
7/23/2025	
7/25/2025	1300
7/30/2025	
7/31/2025	

Time Series

Constituent: TDS (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		386	260	212	288				
5/13/2016	366								
6/29/2016	370	436	311	214	272				
8/19/2016				230	290				
8/22/2016	350	290	390						
10/18/2016	340	200	300	190	270				
12/7/2016			310	230	300				
12/8/2016	350	370							
2/15/2017					260				
2/16/2017	340	350	310	200					
4/13/2017	350	380	300	220	300				
6/28/2017	340	320	290	190	250				
10/12/2017	370	350	290	230	280				
6/7/2018		320	260	210	220				
6/8/2018	320								
10/17/2018									140
10/18/2018		370						260	
12/17/2018	250		310	260	30				
1/10/2019							41		
4/2/2019	420	370	300	240	250				
9/17/2019	400	320	290						
9/18/2019				470	490				
2/13/2020							45		
3/23/2020	390	330	330						
3/24/2020				250	210				
9/15/2020	450	350	390	250	210				
3/30/2021	420	350	380						
3/31/2021				240	220				
8/18/2021			380	260	210				
8/19/2021	440	340							
2/8/2022						37	48		
2/9/2022								240	150
2/10/2022				250	230				
2/11/2022	440	350	350						
8/22/2022	450	370	380	3400	220				
8/23/2022							65		170
8/24/2022						86		280	
2/22/2023	440	350							
2/23/2023			350	260	210	51	59	260	
2/24/2023									160
8/1/2023							77	270	
8/2/2023						55			160
8/7/2023	420	350		300					
8/8/2023			360		210				
2/20/2024	420								
2/21/2024				1000	230	53			
2/26/2024		380						230	
2/27/2024			360						150
2/28/2024							46		
8/1/2024	410							260	
8/2/2024		360	380	220	190				
8/5/2024						51	46		

Time Series

Constituent: TDS (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
8/6/2024									160
2/19/2025						53	52		
2/20/2025		390	380	210					
2/21/2025	420				190			240	
2/24/2025									150
7/24/2025	580	420							
7/28/2025			420	210	170				
7/29/2025							39	250	150
7/30/2025						44			

Time Series

Constituent: TDS (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
10/12/2017	
6/7/2018	
6/8/2018	
10/17/2018	
10/18/2018	840
12/17/2018	
1/10/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
3/23/2020	
3/24/2020	
9/15/2020	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	1200
2/11/2022	
8/22/2022	
8/23/2022	100
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	1100
8/1/2023	1200
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	
2/21/2024	
2/26/2024	
2/27/2024	1100
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	1000

Time Series

Constituent: TDS (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
8/6/2024	
2/19/2025	
2/20/2025	980
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	1200
7/30/2025	

Time Series

Constituent: TDS (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				180					
10/18/2018	670	440	230						
1/3/2019									160
1/8/2019								130	
2/13/2020									180
2/14/2020								160	
2/19/2020	860								
2/9/2022	820	470	310	120					
2/10/2022					320				
8/22/2022		500							
8/24/2022	920		350	200	290				
2/23/2023	950	490							
2/24/2023			330		290				
2/28/2023				120					
8/2/2023	960	500	340	140	280				
2/23/2024				130	280				
2/27/2024	1000	470	310						
8/1/2024				140					
8/2/2024			330		290				
8/5/2024		470							
8/6/2024	1100								
2/20/2025		430							
2/21/2025	1100								
2/24/2025			290	170	280				
7/29/2025	1400	580	260	160	310	300	500		
10/8/2025								200	160

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
5/10/2016	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		
5/11/2016				<0.001				<0.001	<0.001
6/23/2016	8E-05 (J)	<0.001			<0.001	<0.001			
6/24/2016			0.0001 (J)	<0.001					
6/27/2016							<0.001	<0.001	<0.001
8/16/2016	9.5E-05 (J)	<0.001	<0.001		<0.001	<0.001			
8/17/2016				<0.001			<0.001	<0.001	<0.001
10/13/2016	<0.001					<0.001			
10/14/2016		<0.001	<0.001		<0.001		<0.001		
10/17/2016				<0.001				<0.001	
10/18/2016									<0.001
12/5/2016						<0.001			
12/6/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/14/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017						<0.001			
4/11/2017	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		
4/12/2017								<0.001	<0.001
6/26/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
6/27/2017							<0.001	<0.001	<0.001
3/26/2018	<0.001	<0.001	<0.001			<0.001			
3/27/2018				<0.001	<0.001		<0.001	<0.001	<0.001
6/5/2018	<0.001	<0.001			<0.001	<0.001	<0.001		
6/6/2018			<0.001	<0.001				<0.001	<0.001
10/5/2018	<0.001	<0.001	<0.001			<0.001			
10/8/2018				<0.001	<0.001		<0.001	<0.001	
10/9/2018									<0.001
2/18/2019	<0.001	<0.001		<0.001					
2/19/2019			<0.001		<0.001	<0.001	<0.001		
2/20/2019								<0.001	<0.001
3/28/2019			<0.001	<0.001	<0.001		<0.001		
3/29/2019	<0.001	<0.001				<0.001			
4/1/2019									<0.001
4/2/2019								<0.001	
9/12/2019					<0.001				
9/13/2019						<0.001			
9/16/2019	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	
9/17/2019									<0.001
2/13/2020	<0.001	<0.001				<0.001			
2/17/2020					<0.001		<0.001		
2/18/2020			0.00033 (J)	0.00049 (J)				0.00028 (J)	0.00022 (J)
3/17/2020		<0.001	<0.001		<0.001		<0.001		
3/18/2020	0.00049 (J)			0.00021 (J)		<0.001			
3/25/2020								0.00049 (J)	
3/26/2020									<0.001
9/14/2020	0.00039 (J)	0.00016 (J)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/30/2021	0.00035 (J)	0.00034 (J)				<0.001			
3/31/2021			<0.001	<0.001	<0.001				
4/1/2021								0.00023 (J)	0.00042 (J)
4/7/2021							<0.001		
8/17/2021	<0.001	<0.001		<0.001			<0.001		
8/18/2021			<0.001		0.0003 (J)	<0.001		0.00017 (J)	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-6	SGWC-7
2/9/2022	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/10/2022						<0.001			
8/17/2022	<0.001	<0.001							
8/18/2022			<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/19/2022								<0.001	
2/21/2023	<0.001		<0.001		<0.001				
2/22/2023		<0.001		<0.001				<0.001	<0.001
2/23/2023						<0.001	<0.001		
8/1/2023	<0.001	<0.001			<0.001			<0.001	
8/7/2023			<0.001	<0.001					
8/8/2023						<0.001	<0.001		<0.001
2/20/2024	<0.001	<0.001		<0.001				<0.001	
2/21/2024			<0.001		<0.001	<0.001			<0.001
2/27/2024							<0.001		
7/31/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/1/2024								<0.001	
2/19/2025				<0.001		<0.001	<0.001		<0.001
2/20/2025	<0.001	<0.001	<0.001		<0.001			<0.001	
7/24/2025	<0.001	0.00052 (J)	<0.001	<0.001					
7/28/2025						<0.001			
7/29/2025								<0.001	
7/30/2025							<0.001		<0.001
7/31/2025					<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
5/10/2016	
5/11/2016	<0.001
6/23/2016	
6/24/2016	
6/27/2016	<0.001
8/16/2016	
8/17/2016	<0.001
10/13/2016	
10/14/2016	
10/17/2016	<0.001
10/18/2016	
12/5/2016	
12/6/2016	<0.001
2/14/2017	<0.001
4/10/2017	
4/11/2017	
4/12/2017	<0.001
6/26/2017	
6/27/2017	<0.001
3/26/2018	
3/27/2018	<0.001
6/5/2018	
6/6/2018	<0.001
10/5/2018	
10/8/2018	
10/9/2018	<0.001
2/18/2019	
2/19/2019	
2/20/2019	<0.001
3/28/2019	
3/29/2019	
4/1/2019	<0.001
4/2/2019	
9/12/2019	
9/13/2019	
9/16/2019	
9/17/2019	0.00023 (J)
2/13/2020	
2/17/2020	
2/18/2020	0.0002 (J)
3/17/2020	
3/18/2020	
3/25/2020	0.00079 (J)
3/26/2020	
9/14/2020	<0.001
2/9/2021	<0.001
3/30/2021	
3/31/2021	
4/1/2021	0.00021 (J)
4/7/2021	
8/17/2021	
8/18/2021	<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8
2/9/2022	
2/10/2022	<0.001
8/17/2022	
8/18/2022	<0.001
8/19/2022	
2/21/2023	
2/22/2023	<0.001
2/23/2023	
8/1/2023	
8/7/2023	
8/8/2023	<0.001
2/20/2024	
2/21/2024	<0.001
2/27/2024	
7/31/2024	
8/1/2024	<0.001
2/19/2025	<0.001
2/20/2025	
7/24/2025	
7/28/2025	
7/29/2025	
7/30/2025	<0.001
7/31/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
5/11/2016	<0.001	<0.001	<0.001	<0.001					
5/12/2016					<0.001	<0.001	<0.001	<0.001	<0.001
5/13/2016									
6/28/2016		0.0001 (J)	<0.001	<0.001	<0.001	<0.001	9E-05 (J)	<0.001	
6/29/2016	<0.001								<0.001
6/30/2016									
8/17/2016		<0.001	<0.001						
8/18/2016				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/22/2016	<0.001								
10/17/2016		<0.001	<0.001	<0.001	<0.001	<0.001			
10/18/2016	<0.001						<0.001	<0.001	
10/19/2016									<0.001
12/6/2016		<0.001	<0.001	<0.001	<0.001				
12/7/2016	<0.001					<0.001	<0.001	<0.001	<0.001
2/15/2017		<0.001	<0.001	<0.001	<0.001	<0.001	8.5E-05 (J)		<0.001
2/16/2017	<0.001							<0.001	
4/12/2017		<0.001	<0.001	<0.001	<0.001	<0.001	9.5E-05 (J)		
4/13/2017	<0.001							<0.001	<0.001
6/27/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0001 (J)	<0.001	<0.001
6/28/2017									
3/27/2018		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/28/2018	<0.001								
6/6/2018	<0.001	<0.001	<0.001	<0.001					
6/7/2018					<0.001	<0.001	<0.001	<0.001	<0.001
6/8/2018									
10/8/2018				<0.001	<0.001	<0.001		<0.001	<0.001
10/9/2018	<0.001	<0.001							
10/16/2018			<0.001				0.0001 (J)		
10/18/2018									
1/2/2019									
2/20/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	9.8E-05 (J)	<0.001	<0.001
4/1/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	9.5E-05 (J)		
4/2/2019								<0.001	<0.001
9/16/2019	<0.001		<0.001	<0.001					
9/17/2019		<0.001			<0.001	<0.001	0.00016 (J)	<0.001	<0.001
2/18/2020			0.00016 (J)						
2/19/2020	0.00027 (J)	0.00075 (J)		0.00034 (J)	0.00022 (J)	0.00018 (J)	0.00031 (J)	<0.001	<0.001
2/20/2020									
3/24/2020									<0.001
3/25/2020	<0.001	<0.001	<0.001						
3/26/2020				<0.001					
3/27/2020					<0.001	0.0011	0.00045 (J)	<0.001	
9/14/2020	<0.001	<0.001	<0.001	0.00023 (J)	<0.001				
9/15/2020						0.00035 (J)	0.00027 (J)	<0.001	<0.001
2/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/10/2021									0.00024 (J)
3/30/2021									
3/31/2021	<0.001	<0.001					<0.001		
4/1/2021								<0.001	<0.001
4/6/2021						0.00017 (J)			
4/7/2021			<0.001	<0.001	<0.001				
8/18/2021									<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-9	SGWC-10	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17
8/19/2021	0.0004 (J)	0.00024 (J)	0.00015 (J)		<0.001	<0.001	<0.001	<0.001	
8/20/2021				<0.001					
2/10/2022	<0.001		<0.001	<0.001				<0.001	
2/11/2022		<0.001			<0.001		<0.001		<0.001
2/14/2022						<0.001			
8/18/2022	<0.001		<0.001	<0.001	<0.001				
8/19/2022		<0.001				<0.001	<0.001		
8/23/2022									
8/31/2022								<0.001	<0.001
2/22/2023	<0.001	<0.001	<0.001						<0.001
2/23/2023				<0.001	<0.001	<0.001	<0.001	<0.001	
8/2/2023			<0.001		<0.001				
8/7/2023	<0.001	<0.001		<0.001			<0.001		<0.001
8/8/2023						<0.001		<0.001	
2/21/2024	<0.001								
2/23/2024		<0.001	<0.001	<0.001	<0.001				
2/26/2024							<0.001	<0.001	<0.001
2/27/2024						<0.001			
8/1/2024	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/5/2024		<0.001							<0.001
2/19/2025	<0.001	<0.001		<0.001	<0.001	<0.001		<0.001	<0.001
2/20/2025			<0.001				<0.001		
2/21/2025									
7/23/2025								0.00064 (J)	<0.001
7/25/2025									
7/30/2025	<0.001	<0.001			<0.001		<0.001		
7/31/2025			<0.001	<0.001		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
5/11/2016	
5/12/2016	
5/13/2016	<0.001
6/28/2016	
6/29/2016	
6/30/2016	0.0002 (J)
8/17/2016	
8/18/2016	
8/22/2016	0.00015 (J)
10/17/2016	
10/18/2016	
10/19/2016	0.00012 (J)
12/6/2016	
12/7/2016	9.5E-05 (J)
2/15/2017	
2/16/2017	0.00013 (J)
4/12/2017	
4/13/2017	0.00012 (J)
6/27/2017	
6/28/2017	0.00013 (J)
3/27/2018	
3/28/2018	0.00011 (J)
6/6/2018	
6/7/2018	
6/8/2018	0.00019 (J)
10/8/2018	
10/9/2018	
10/16/2018	
10/18/2018	0.00019 (J)
1/2/2019	<0.001
2/20/2019	0.00021 (J)
4/1/2019	
4/2/2019	0.00016 (J)
9/16/2019	
9/17/2019	0.00025 (J)
2/18/2020	
2/19/2020	
2/20/2020	0.00066 (J)
3/24/2020	
3/25/2020	
3/26/2020	0.00029 (J)
3/27/2020	
9/14/2020	
9/15/2020	0.00027 (J)
2/9/2021	
2/10/2021	0.00068 (J)
3/30/2021	0.00024 (J)
3/31/2021	
4/1/2021	
4/6/2021	
4/7/2021	
8/18/2021	0.00022 (J)

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-18
8/19/2021	
8/20/2021	
2/10/2022	<0.001
2/11/2022	
2/14/2022	
8/18/2022	
8/19/2022	
8/23/2022	<0.001
8/31/2022	
2/22/2023	<0.001
2/23/2023	
8/2/2023	
8/7/2023	<0.001
8/8/2023	
2/21/2024	
2/23/2024	
2/26/2024	
2/27/2024	<0.001
8/1/2024	
8/5/2024	<0.001
2/19/2025	
2/20/2025	
2/21/2025	<0.001
7/23/2025	
7/25/2025	<0.001
7/30/2025	
7/31/2025	

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
5/12/2016		<0.001	<0.001	<0.001	<0.001				
5/13/2016	<0.001								
6/29/2016	<0.001	0.0002 (J)	<0.001	<0.001	<0.001				
8/19/2016				<0.001	<0.001				
8/22/2016	<0.001	0.00018 (J)	<0.001						
10/18/2016	<0.001	0.00016 (J)	<0.001	<0.001	<0.001				
12/7/2016			<0.001	<0.001	<0.001				
12/8/2016	<0.001	0.0001 (J)							
2/15/2017					<0.001				
2/16/2017	<0.001	0.00014 (J)	<0.001	<0.001					
4/13/2017	<0.001	0.00021 (J)	<0.001	<0.001	<0.001				
6/28/2017	<0.001	0.00018 (J)	<0.001	<0.001	<0.001				
3/27/2018					<0.001				
3/28/2018	<0.001	9E-05 (J)	<0.001	<0.001					
6/7/2018		0.00014 (J)	<0.001	<0.001	<0.001				
6/8/2018	<0.001								
10/8/2018			<0.001	<0.001	<0.001				
10/9/2018	<0.001								
10/17/2018									<0.001
10/18/2018		0.00018 (J)						<0.001	
1/10/2019							<0.001		
2/19/2019				<0.001	<0.001				
2/20/2019	<0.001	0.00018 (J)	<0.001						
4/2/2019	<0.001	0.00017 (J)	<0.001	<0.001	<0.001				
9/17/2019	<0.001	0.00021 (J)	<0.001						
9/18/2019				<0.001	<0.001				
2/13/2020							<0.001		
2/18/2020		0.00033 (J)	<0.001	<0.001	<0.001				
2/19/2020	<0.001								
3/23/2020	<0.001	0.00016 (J)	<0.001						
3/24/2020				<0.001	<0.001				
9/15/2020	<0.001	0.00028 (J)	<0.001	0.00038 (J)	0.00016 (J)				
2/10/2021	<0.001	0.00025 (J)	<0.001	<0.001	<0.001				
3/30/2021	<0.001	0.00018 (J)	<0.001						
3/31/2021				<0.001	<0.001				
8/18/2021			<0.001	<0.001	<0.001				
8/19/2021	<0.001	0.00018 (J)							
2/8/2022						<0.001	<0.001		
2/9/2022								<0.001	<0.001
2/10/2022				<0.001	<0.001				
2/11/2022	<0.001	<0.001	<0.001						
8/22/2022	<0.001	<0.001	<0.001	<0.001	<0.001				
8/23/2022							<0.001		<0.001
8/24/2022						<0.001		<0.001	
2/22/2023	<0.001	<0.001							
2/23/2023			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/24/2023									<0.001
8/1/2023							<0.001	<0.001	
8/2/2023						<0.001			<0.001
8/7/2023	<0.001	<0.001		<0.001					
8/8/2023			<0.001		<0.001				
2/20/2024	<0.001								

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S
2/21/2024				<0.001	<0.001	<0.001			
2/26/2024		<0.001						<0.001	
2/27/2024			<0.001						<0.001
2/28/2024							<0.001		
8/1/2024	<0.001							<0.001	
8/2/2024		<0.001	<0.001	<0.001	<0.001				
8/5/2024						<0.001	<0.001		
8/6/2024									<0.001
2/19/2025						<0.001	<0.001		
2/20/2025		<0.001	<0.001	<0.001					
2/21/2025	<0.001				<0.001			<0.001	
2/24/2025									<0.001
7/24/2025	<0.001	<0.001							
7/28/2025			<0.001	<0.001	<0.001				
7/29/2025							<0.001	<0.001	<0.001
7/30/2025						<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
5/12/2016	
5/13/2016	
6/29/2016	
8/19/2016	
8/22/2016	
10/18/2016	
12/7/2016	
12/8/2016	
2/15/2017	
2/16/2017	
4/13/2017	
6/28/2017	
3/27/2018	
3/28/2018	
6/7/2018	
6/8/2018	
10/8/2018	
10/9/2018	
10/17/2018	
10/18/2018	<0.001
1/10/2019	
2/19/2019	
2/20/2019	
4/2/2019	
9/17/2019	
9/18/2019	
2/13/2020	
2/18/2020	
2/19/2020	
3/23/2020	
3/24/2020	
9/15/2020	
2/10/2021	
3/30/2021	
3/31/2021	
8/18/2021	
8/19/2021	
2/8/2022	
2/9/2022	
2/10/2022	<0.001
2/11/2022	
8/22/2022	
8/23/2022	<0.001
8/24/2022	
2/22/2023	
2/23/2023	
2/24/2023	<0.001
8/1/2023	<0.001
8/2/2023	
8/7/2023	
8/8/2023	
2/20/2024	

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I
2/21/2024	
2/26/2024	
2/27/2024	<0.001
2/28/2024	
8/1/2024	
8/2/2024	
8/5/2024	<0.001
8/6/2024	
2/19/2025	
2/20/2025	<0.001
2/21/2025	
2/24/2025	
7/24/2025	
7/28/2025	
7/29/2025	<0.001
7/30/2025	

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 9:58 AM View: Descriptive

Plant Scherer Client: Southern Company Data: Scherer AP

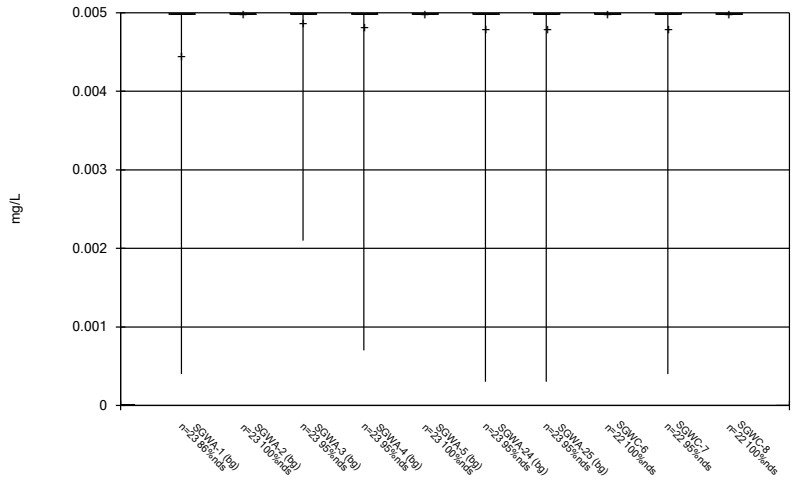
	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I	PZ-70	PZ-71	PZ-29S	PZ-30I
10/16/2018				<0.001					
10/18/2018	<0.001	<0.001	<0.001						
1/3/2019									<0.001
1/8/2019								<0.001	
2/13/2020									<0.001
2/14/2020								<0.001	
2/19/2020	0.00034 (J)								
2/9/2022	<0.001	<0.001	<0.001	<0.001					
2/10/2022					<0.001				
8/22/2022		<0.001							
8/24/2022	<0.001		<0.001	<0.001	<0.001				
2/23/2023	<0.001	<0.001							
2/24/2023			<0.001		<0.001				
2/28/2023				<0.001					
8/2/2023	<0.001	<0.001	<0.001	<0.001	<0.001				
2/23/2024				<0.001	<0.001				
2/27/2024	<0.001	<0.001	<0.001						
8/1/2024				<0.001					
8/2/2024			<0.001		<0.001				
8/5/2024		<0.001							
8/6/2024	<0.001								
2/20/2025		<0.001							
2/21/2025	<0.001								
2/24/2025			<0.001	<0.001	<0.001				
7/29/2025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
10/8/2025								<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

FIGURE B.

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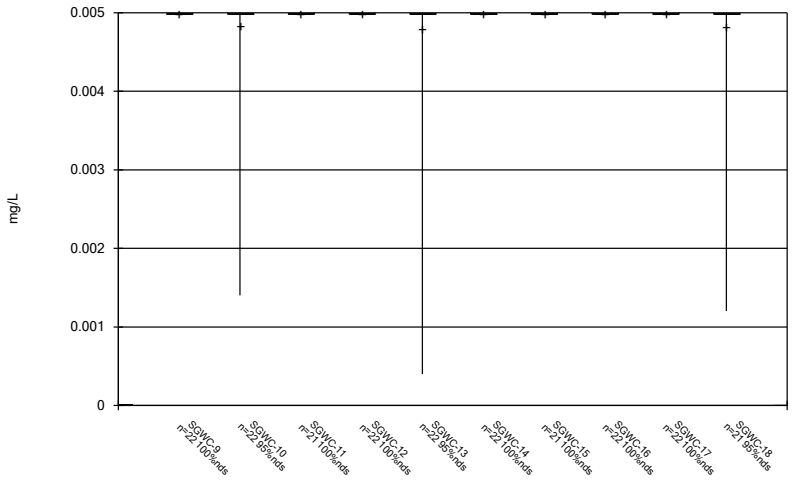
Box & Whiskers Plot



Constituent: Antimony Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

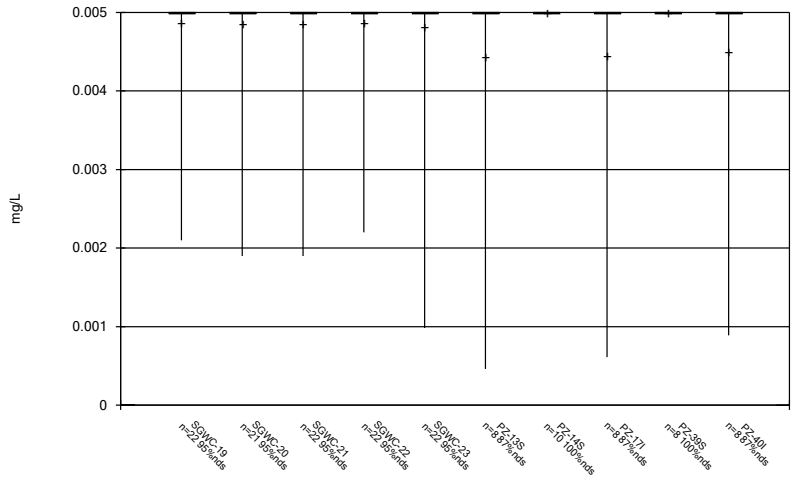
Box & Whiskers Plot



Constituent: Antimony Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

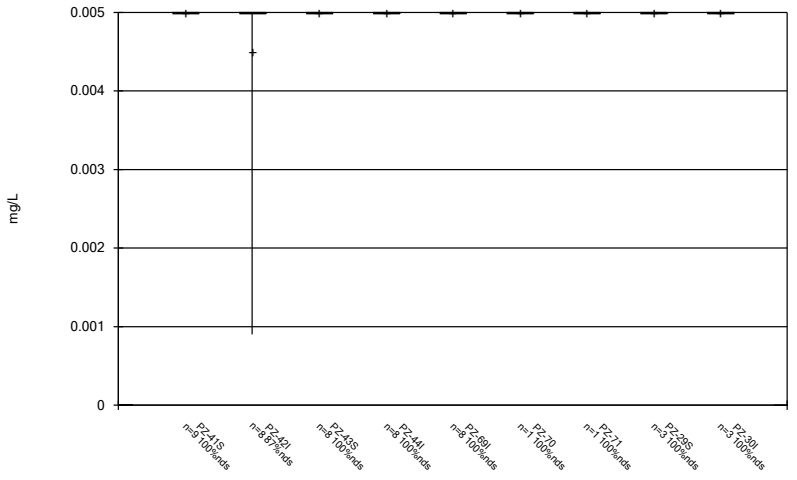
Box & Whiskers Plot



Constituent: Antimony Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

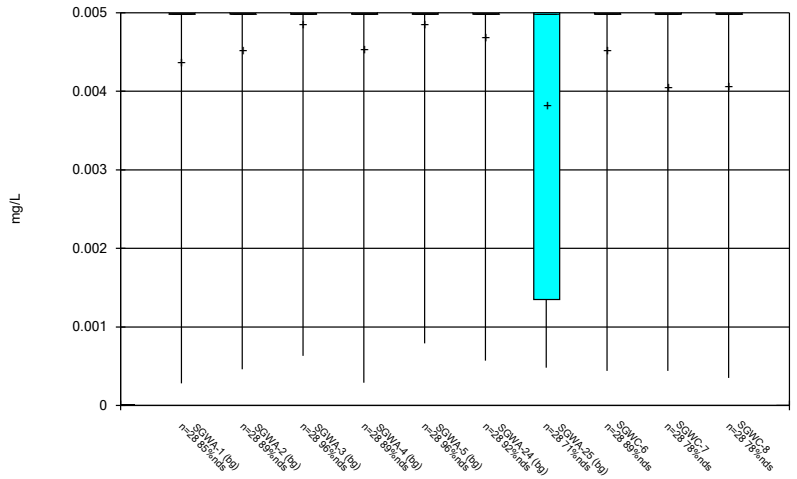
Box & Whiskers Plot



Constituent: Antimony Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

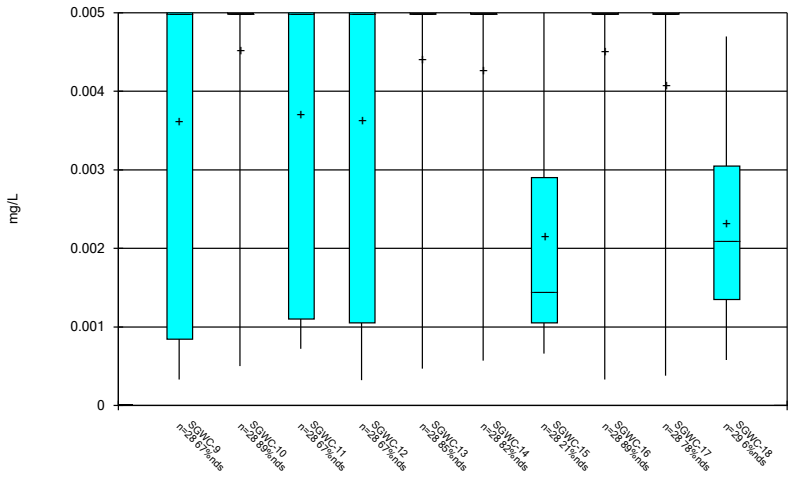
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

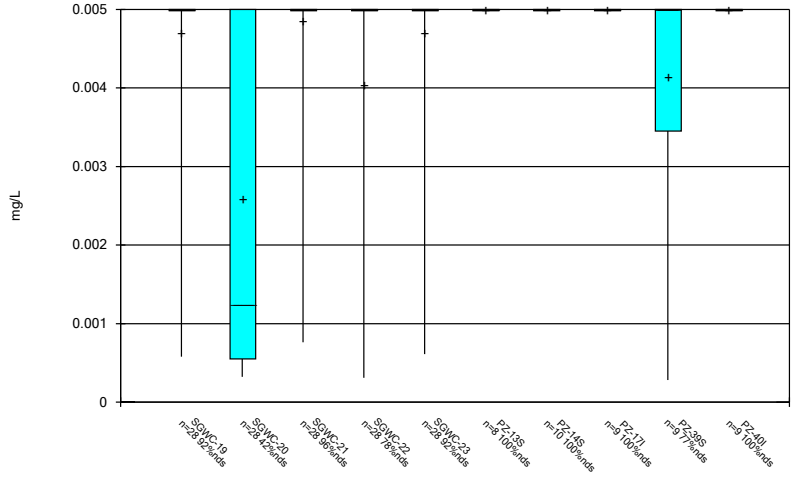
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer AP

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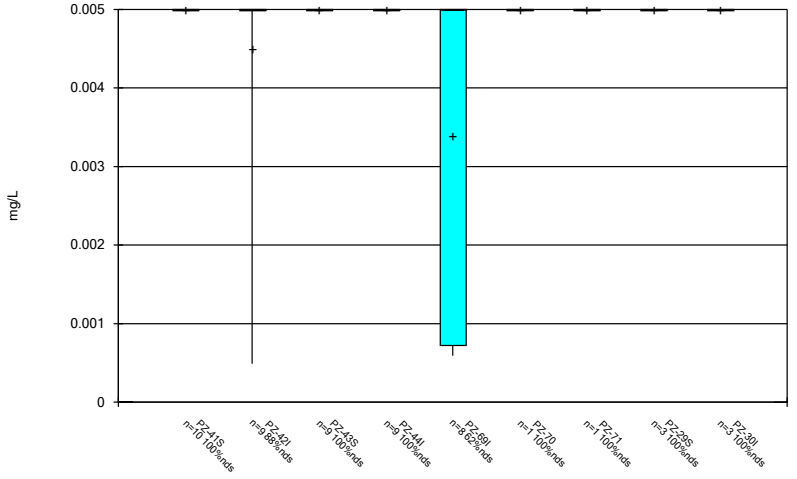
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

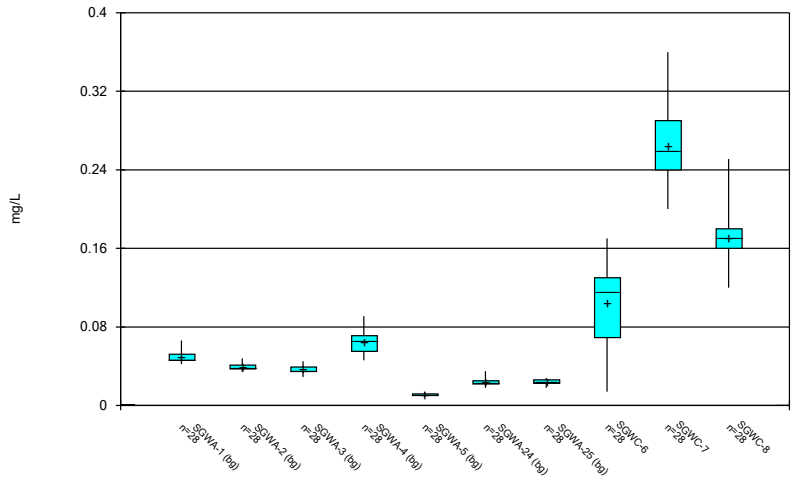
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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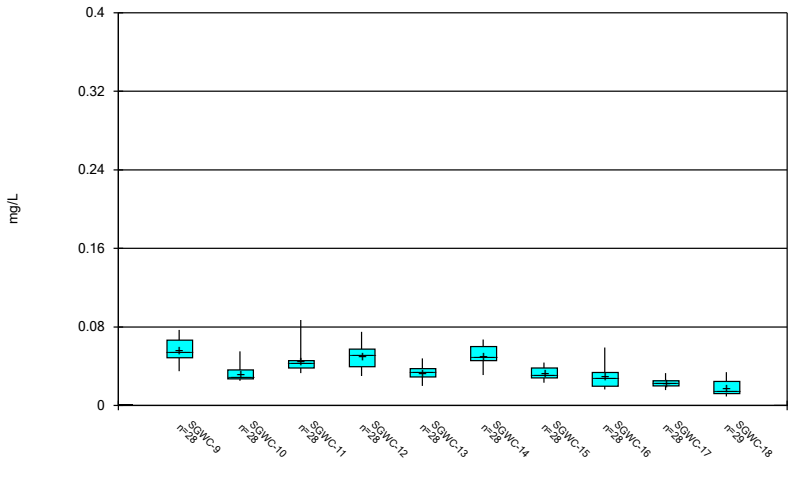
Box & Whiskers Plot



Constituent: Barium Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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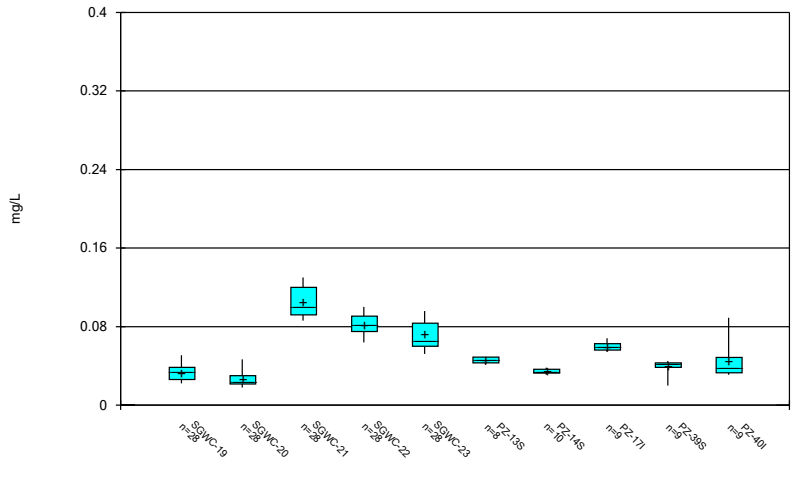
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

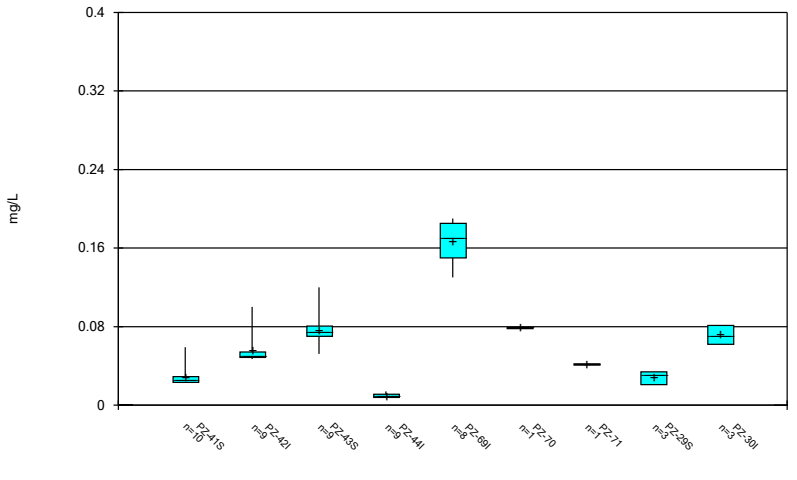
Box & Whiskers Plot



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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

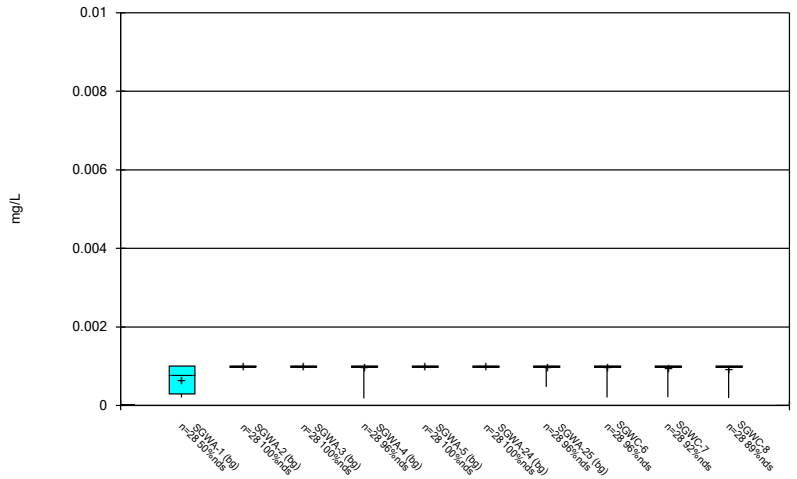
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer AP

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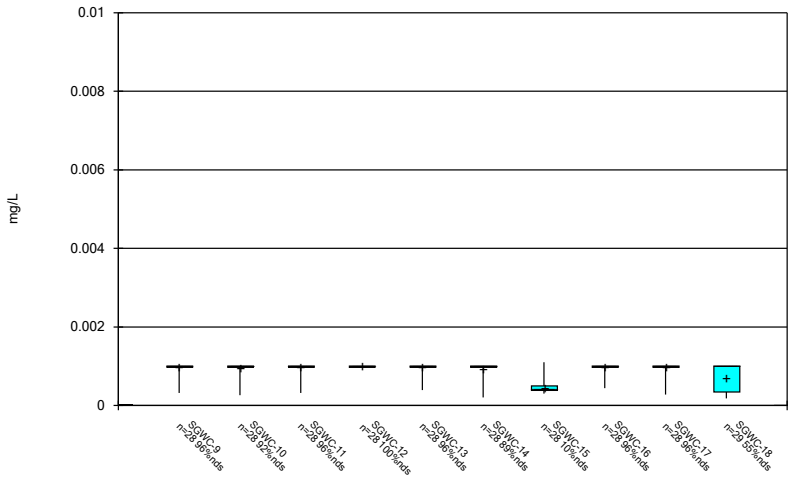
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer AP

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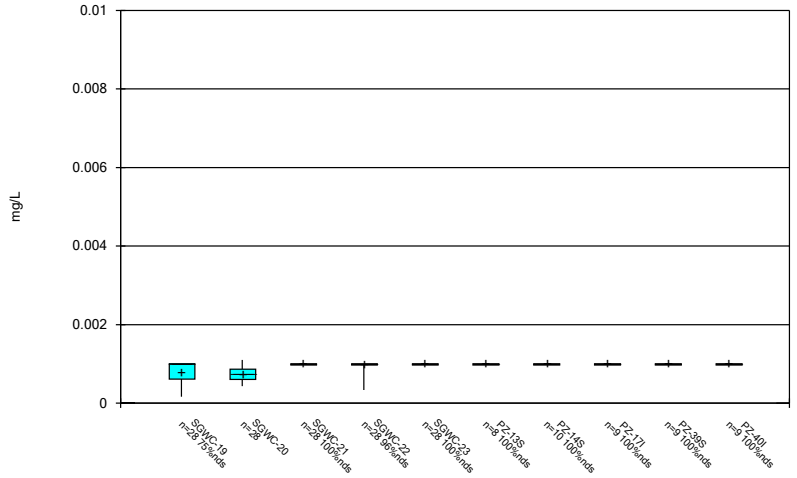
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

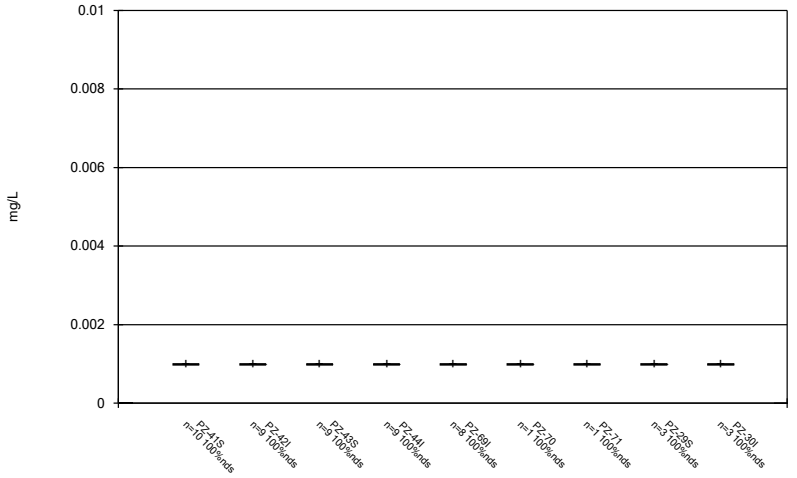
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer AP

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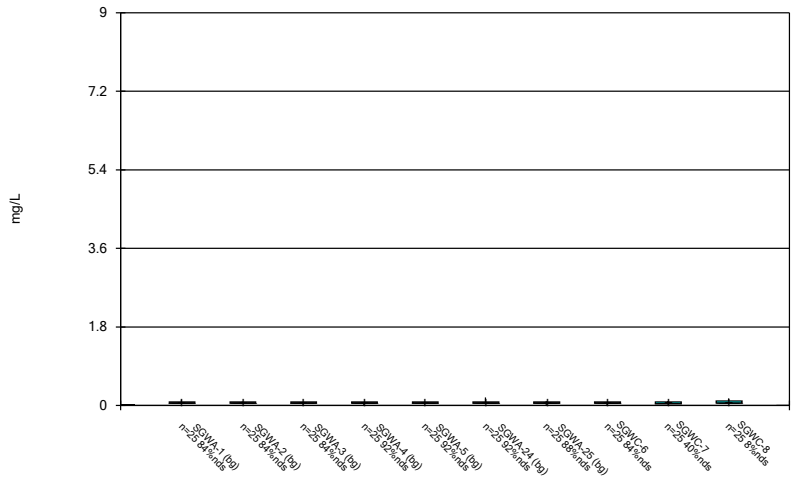
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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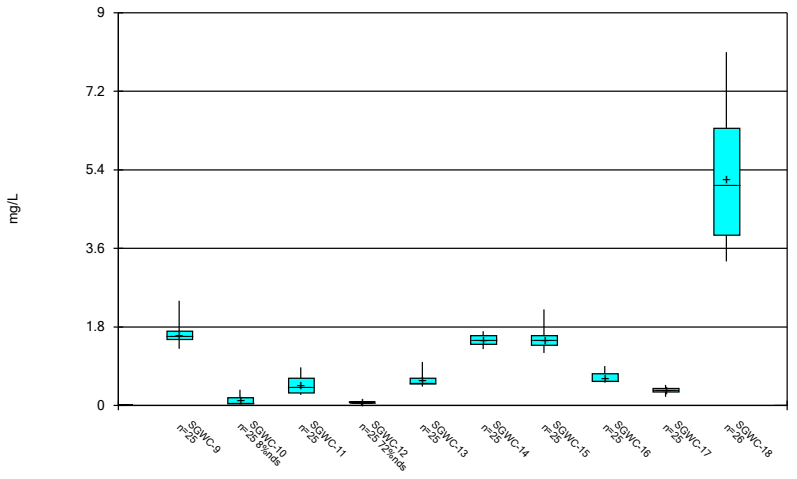
Box & Whiskers Plot



Constituent: Boron Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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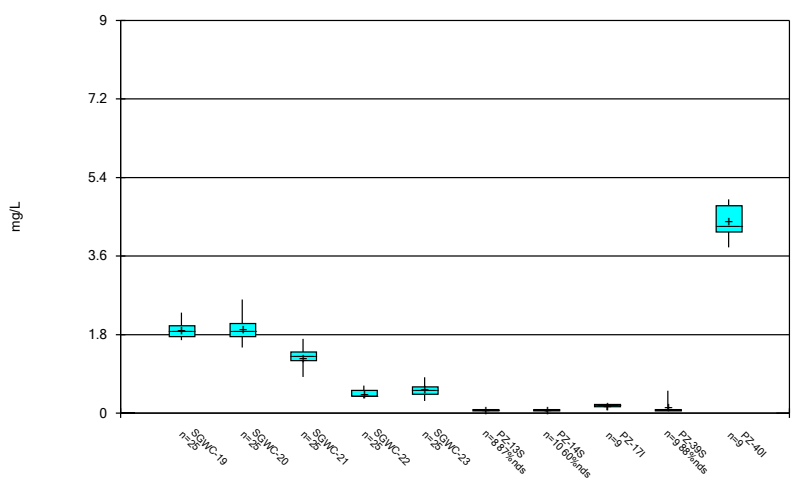
Box & Whiskers Plot



Constituent: Boron Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

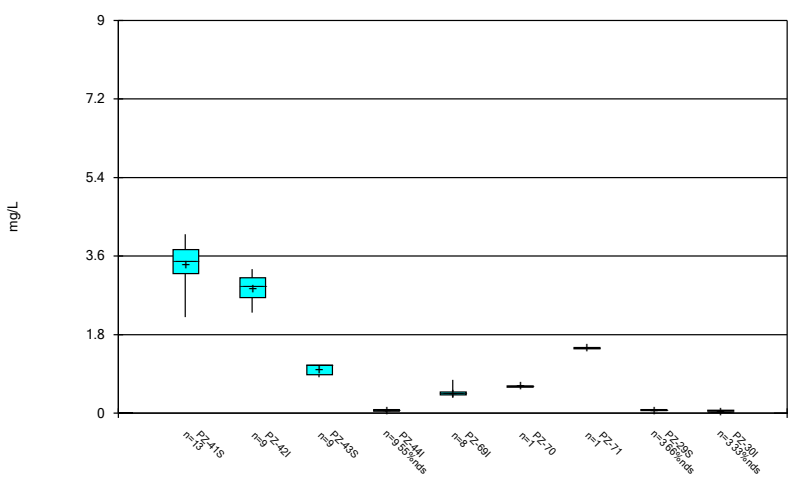
Box & Whiskers Plot



Constituent: Boron Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

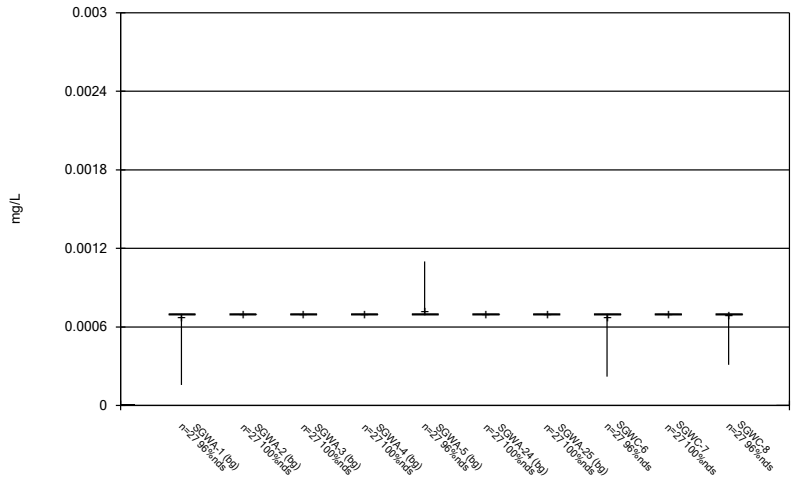
Box & Whiskers Plot



Constituent: Boron Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

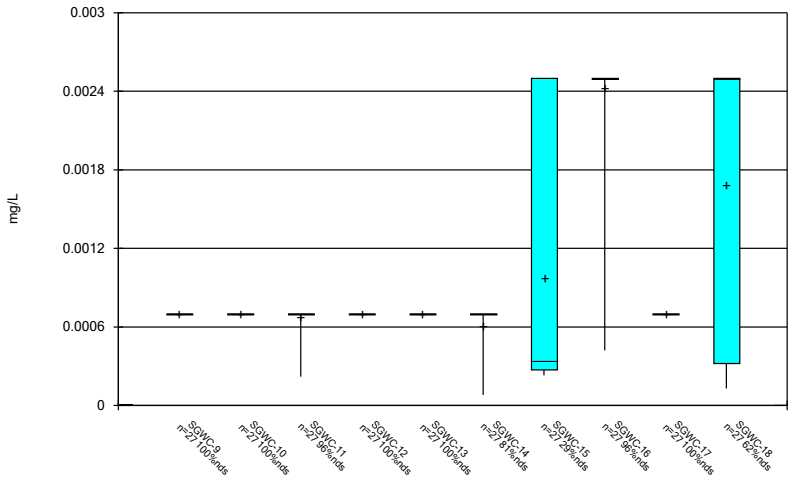
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

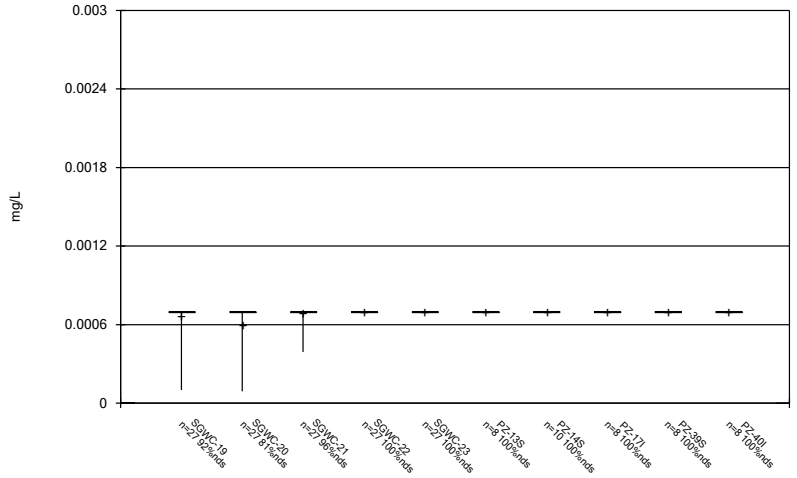
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

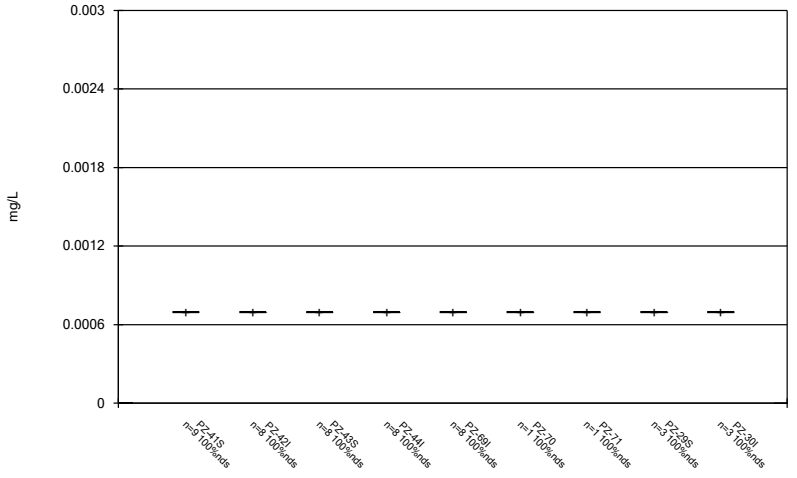
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

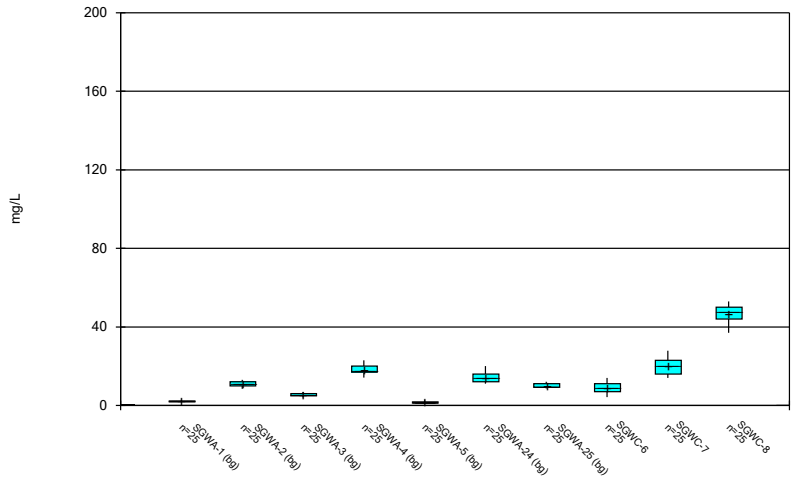
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

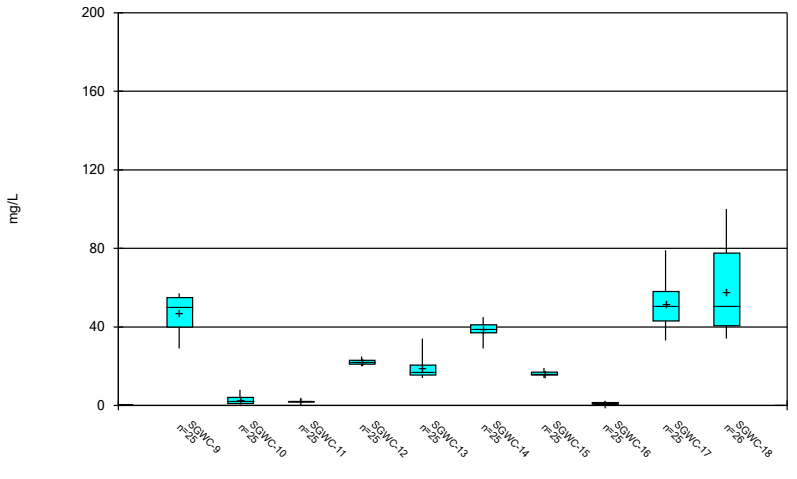
Box & Whiskers Plot



Constituent: Calcium Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

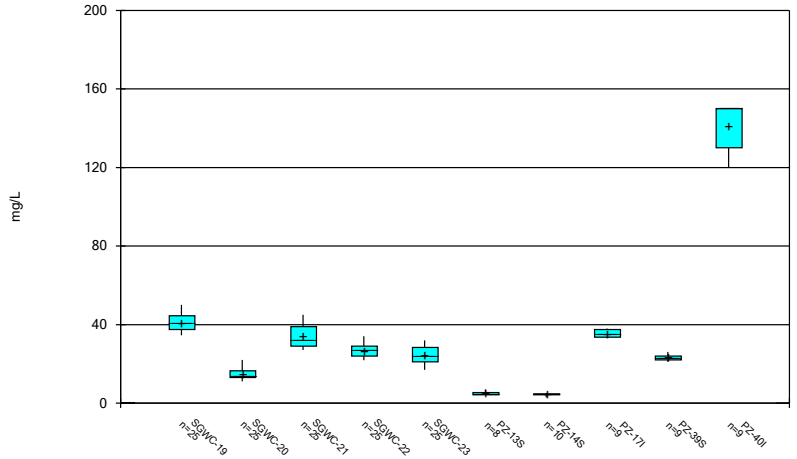
Box & Whiskers Plot



Constituent: Calcium Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

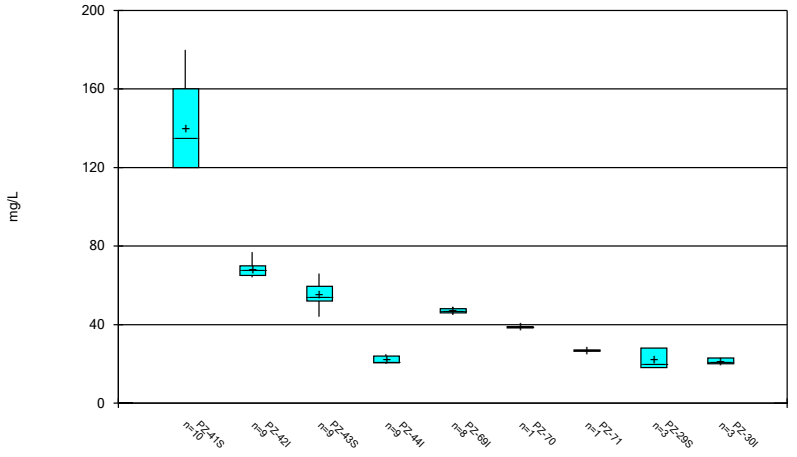
Box & Whiskers Plot



Constituent: Calcium Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

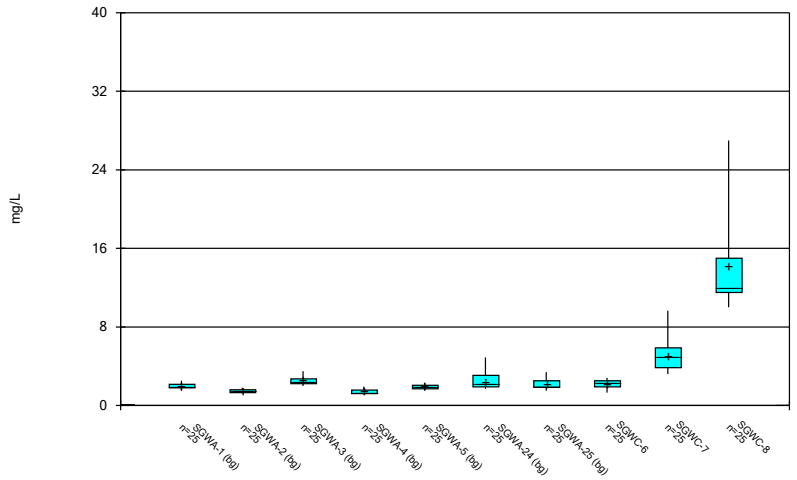
Box & Whiskers Plot



Constituent: Calcium Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

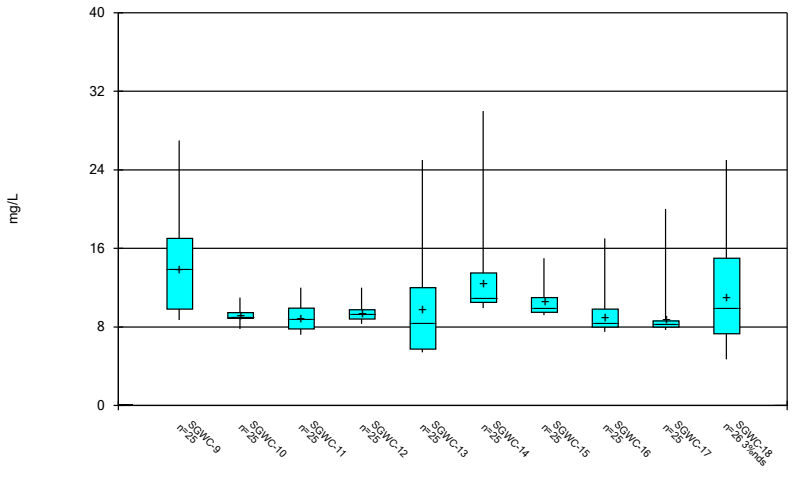
Box & Whiskers Plot



Constituent: Chloride Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

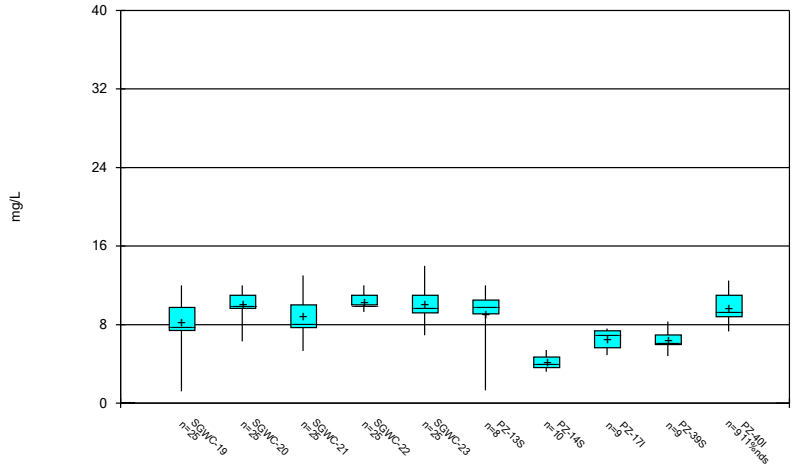
Box & Whiskers Plot



Constituent: Chloride Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

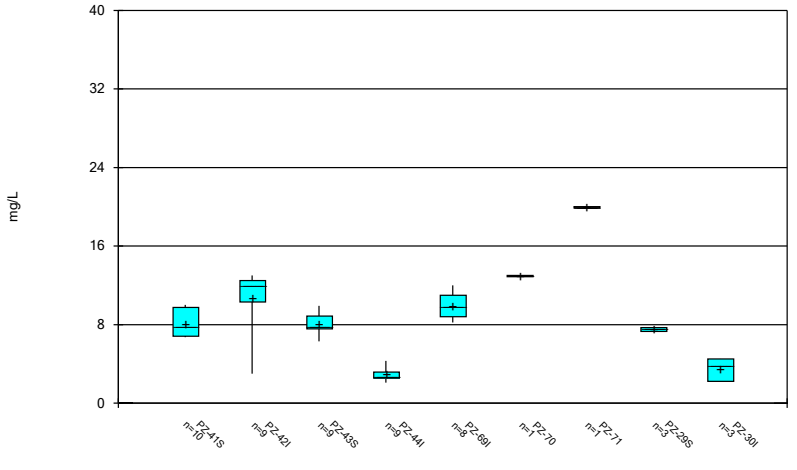
Box & Whiskers Plot



Constituent: Chloride Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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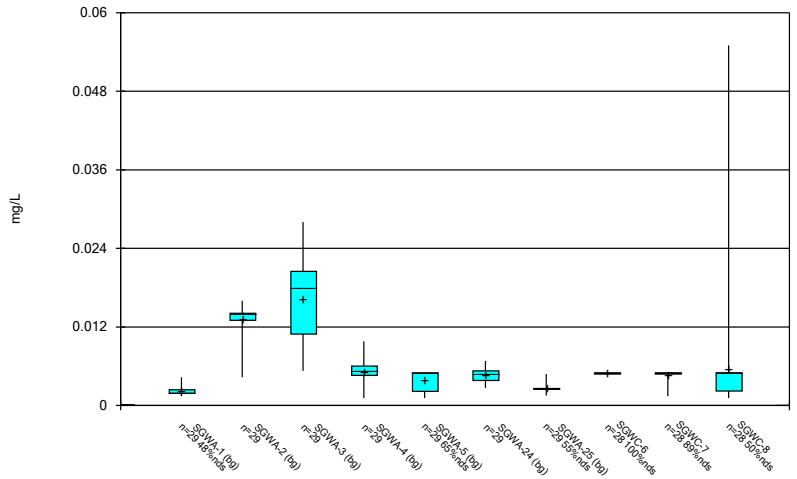
Box & Whiskers Plot



Constituent: Chloride Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

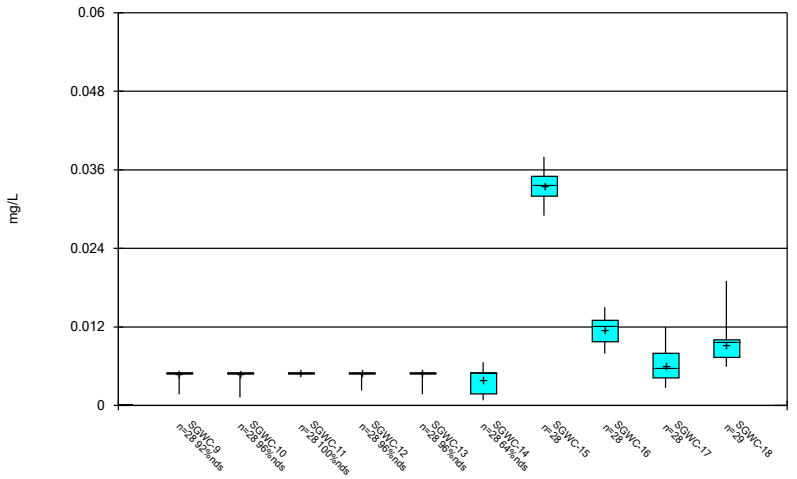
Box & Whiskers Plot



Constituent: Chromium Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

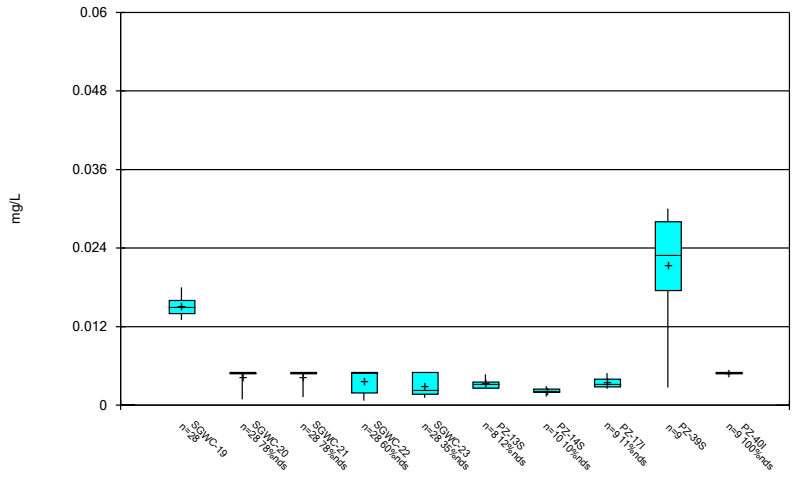
Box & Whiskers Plot



Constituent: Chromium Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

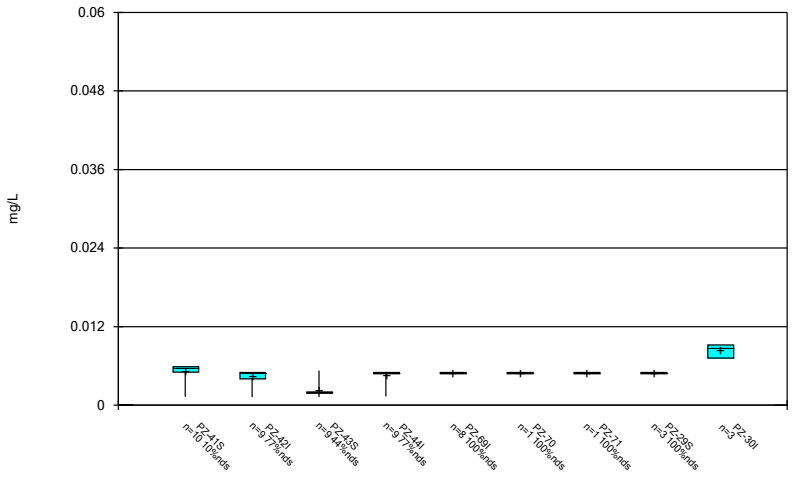
Box & Whiskers Plot



Constituent: Chromium Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

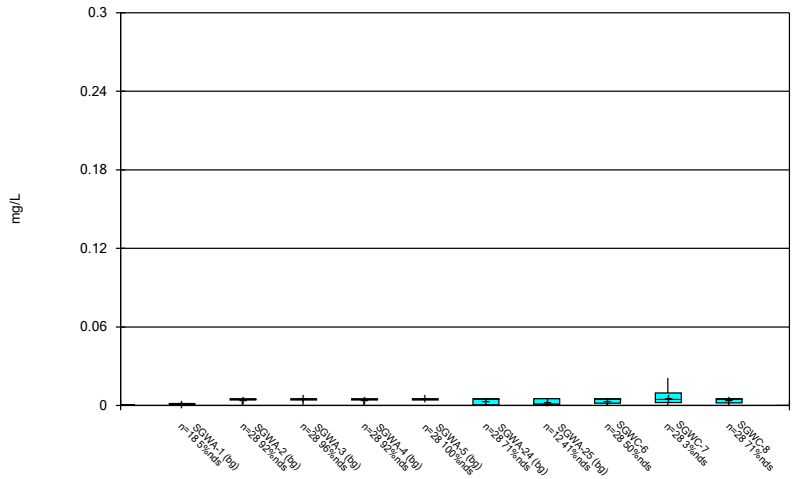
Box & Whiskers Plot



Constituent: Chromium Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

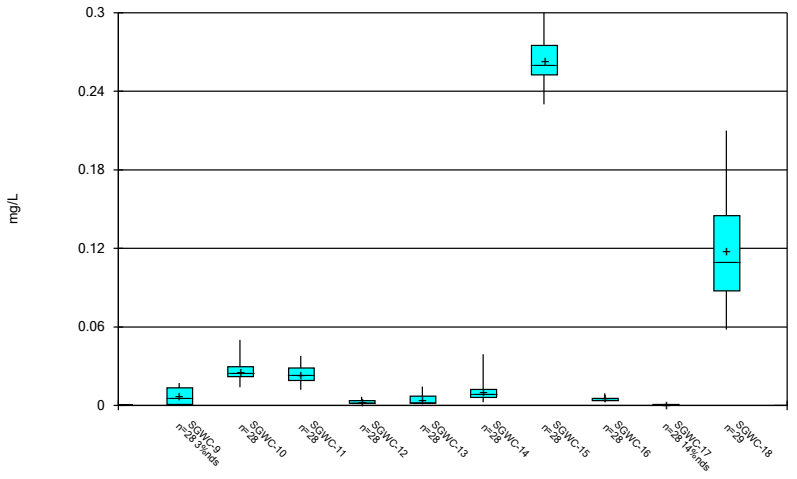
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

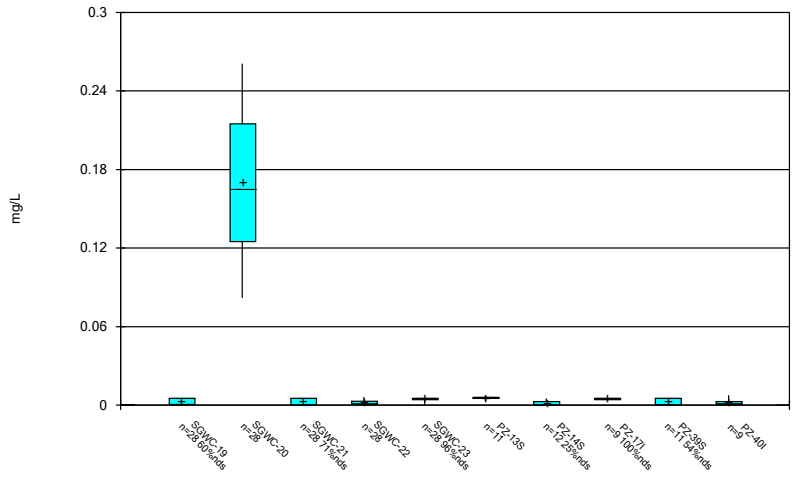
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

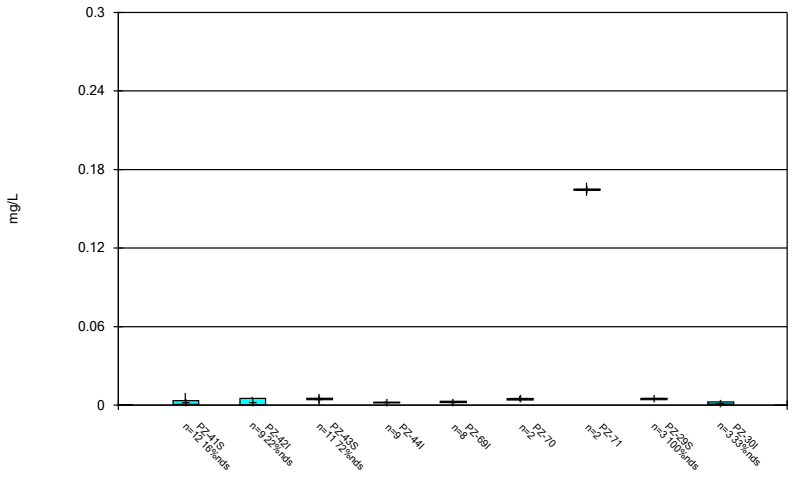
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

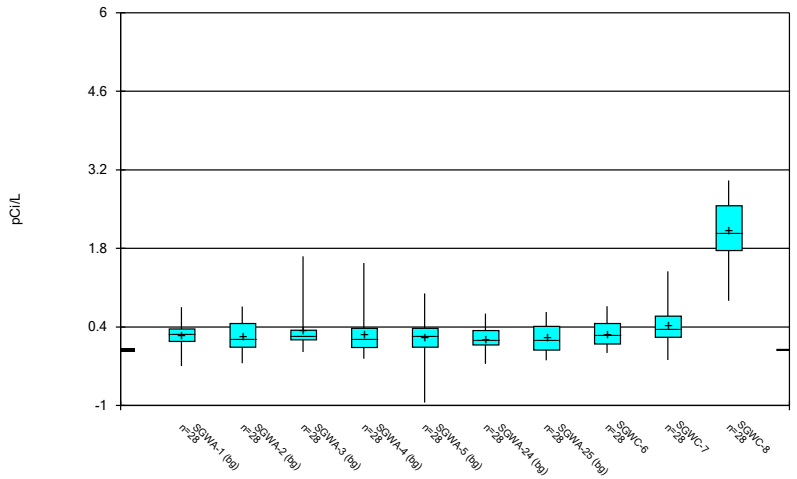
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 11/17/2025 9:59 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

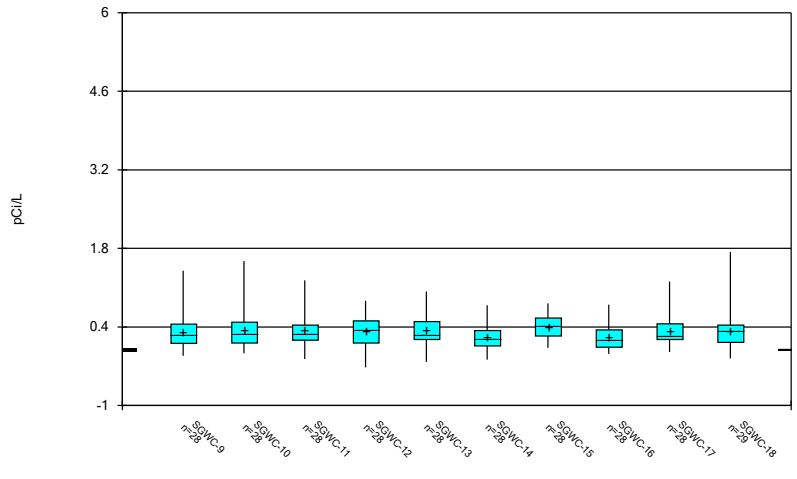
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

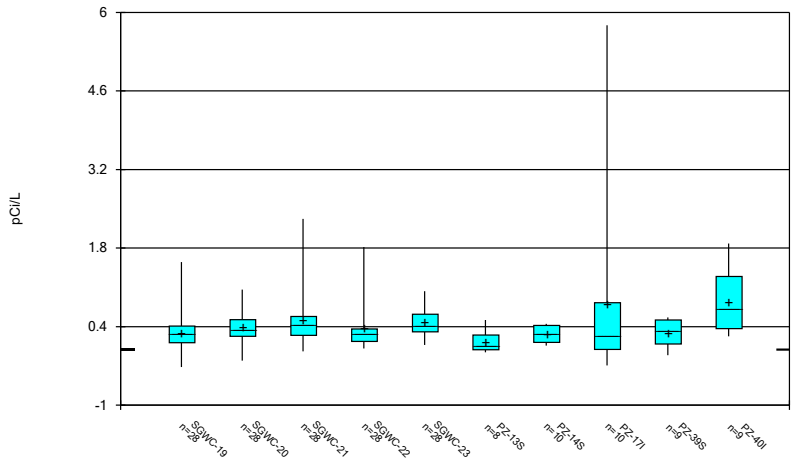
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

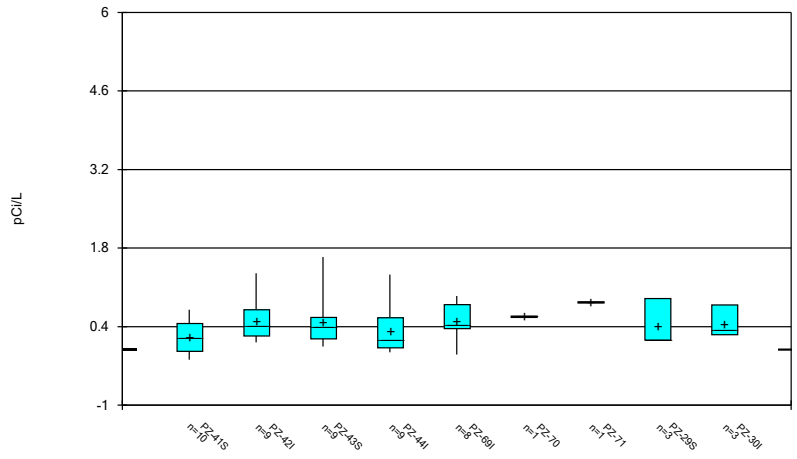
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 11/17/2025 10:00 AM View: Descriptive
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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

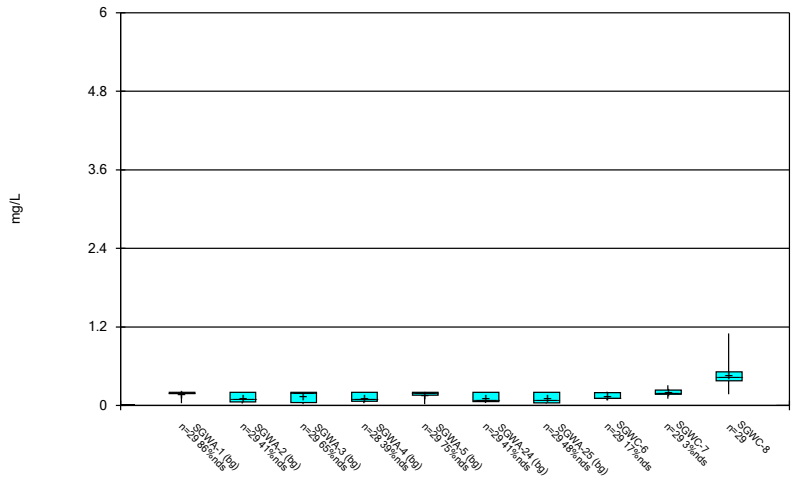
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

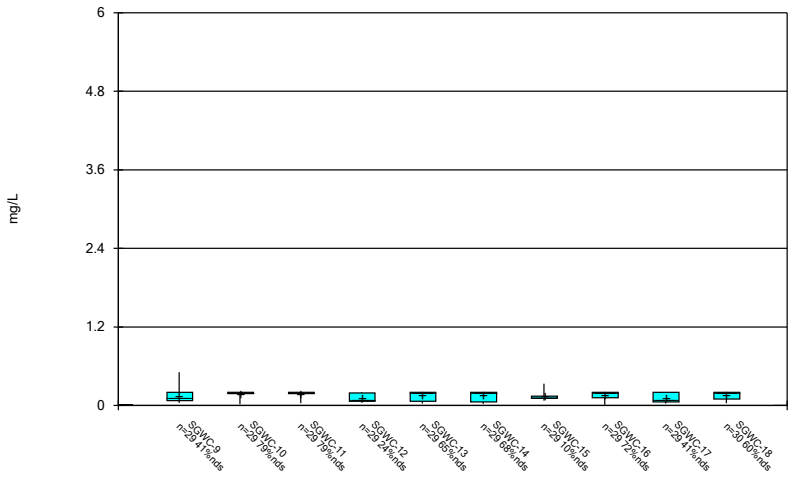
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

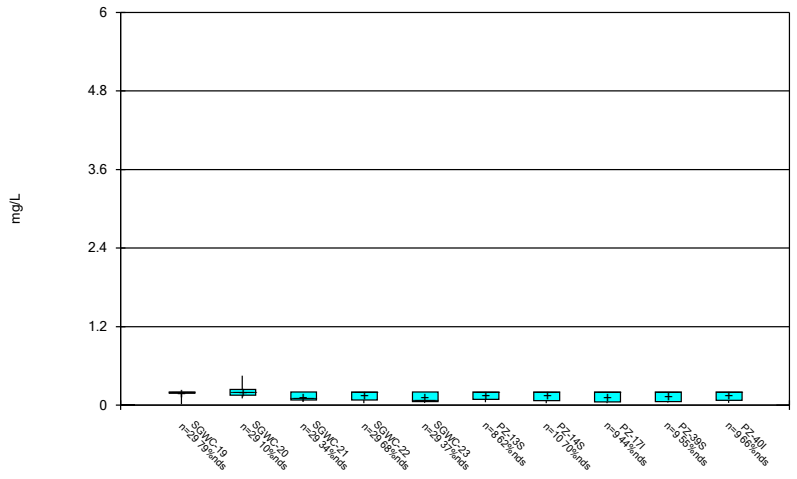
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

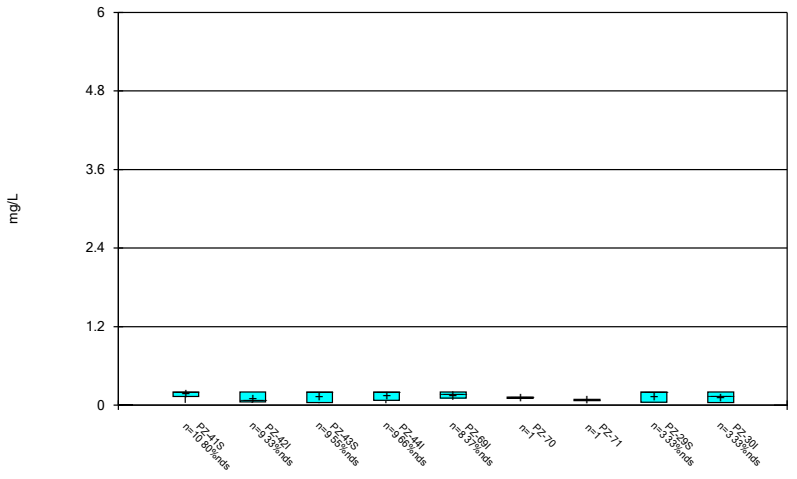
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

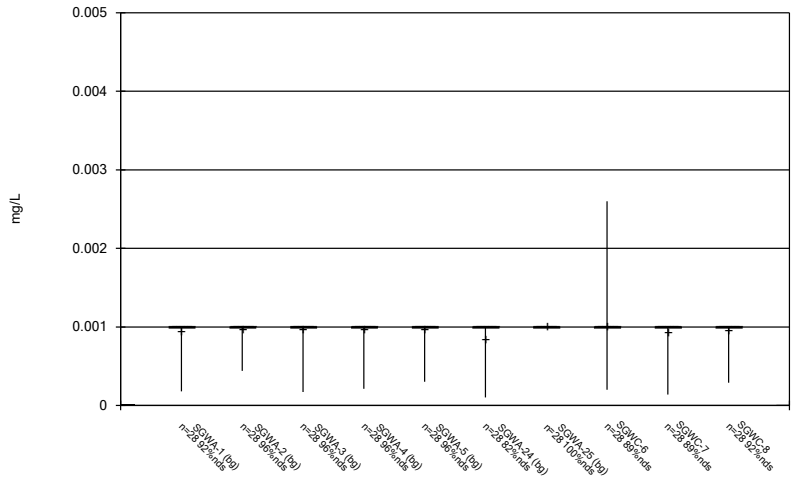
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

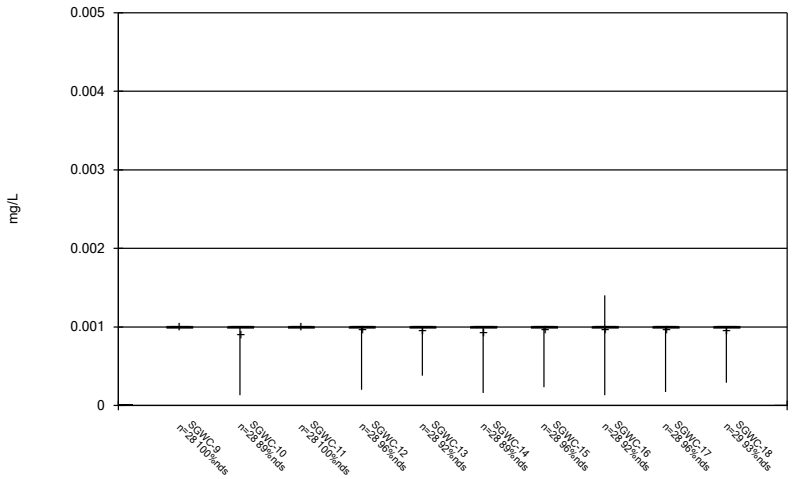
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

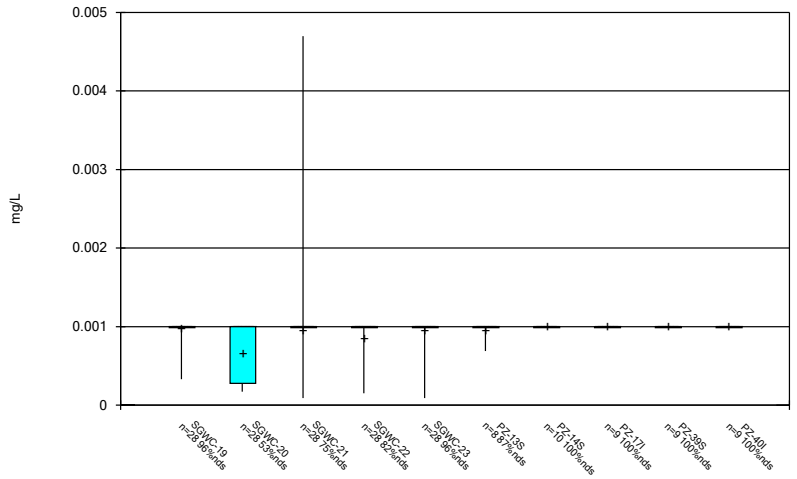
Box & Whiskers Plot



Constituent: Lead Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

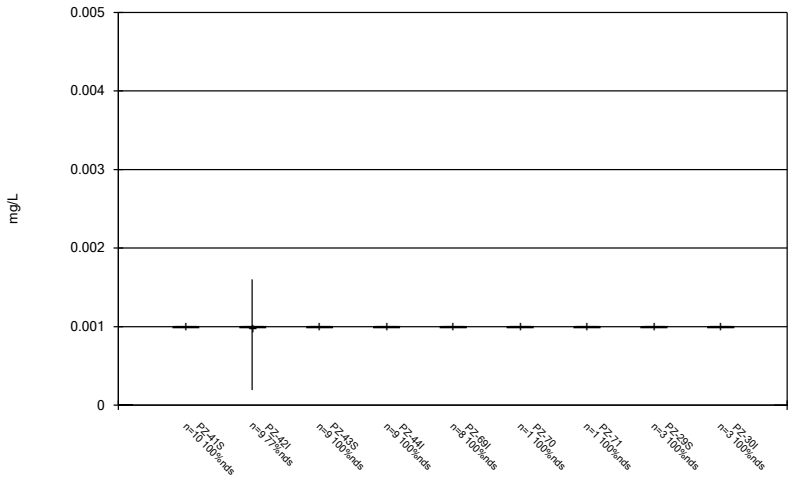
Box & Whiskers Plot



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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

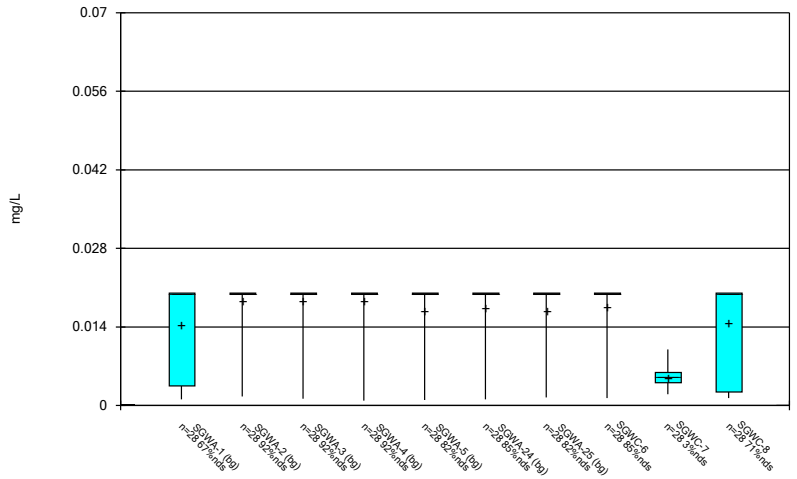
Box & Whiskers Plot



Constituent: Lead Analysis Run 11/17/2025 10:00 AM View: Descriptive
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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

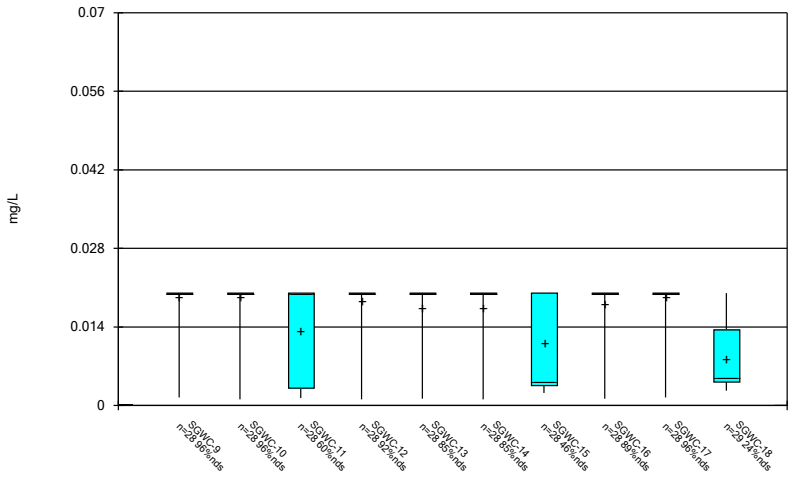
Box & Whiskers Plot



Constituent: Lithium Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

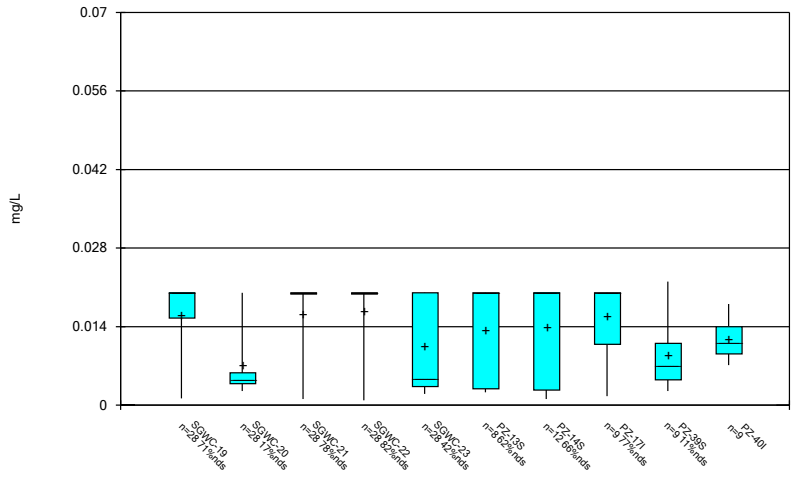
Box & Whiskers Plot



Constituent: Lithium Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

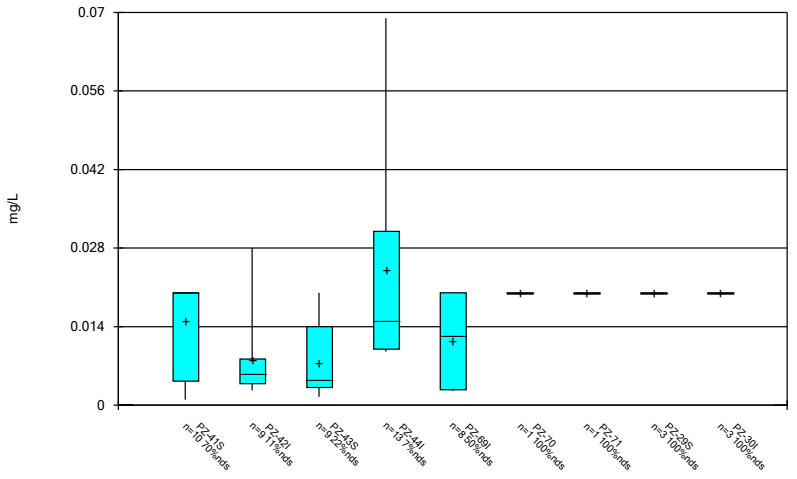
Box & Whiskers Plot



Constituent: Lithium Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

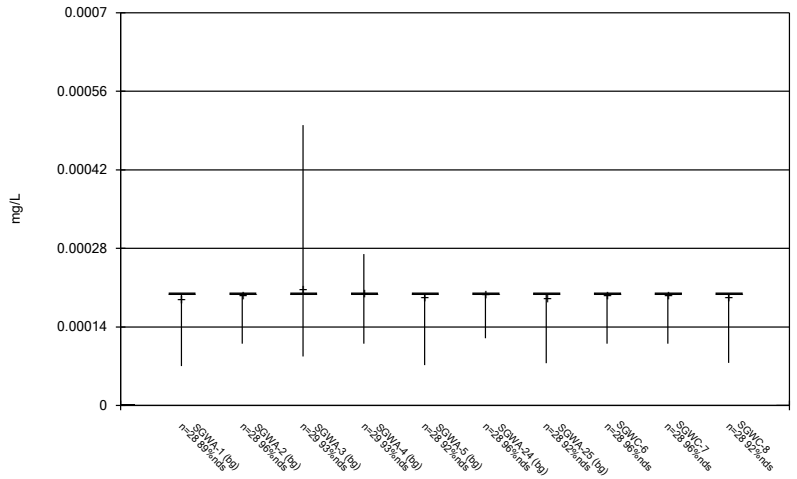
Box & Whiskers Plot



Constituent: Lithium Analysis Run 11/17/2025 10:00 AM View: Descriptive
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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

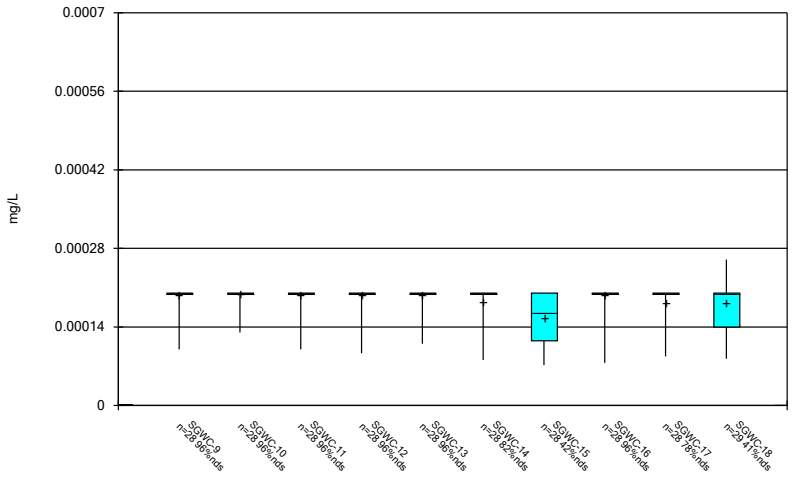
Box & Whiskers Plot



Constituent: Mercury Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

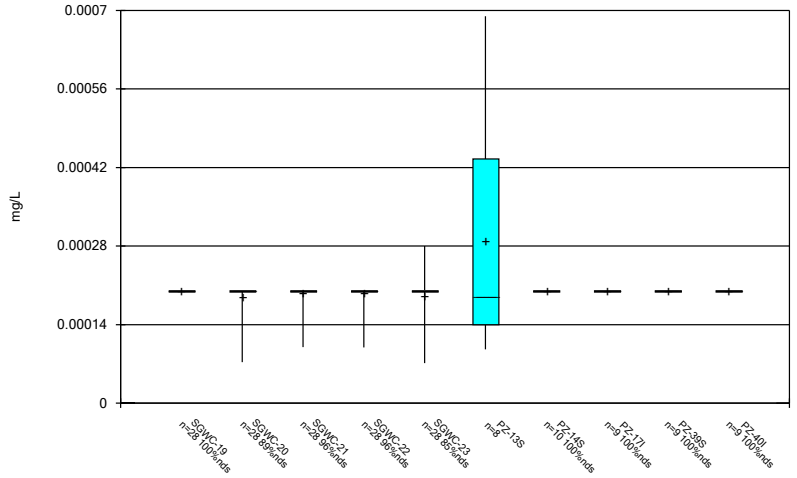
Box & Whiskers Plot



Constituent: Mercury Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

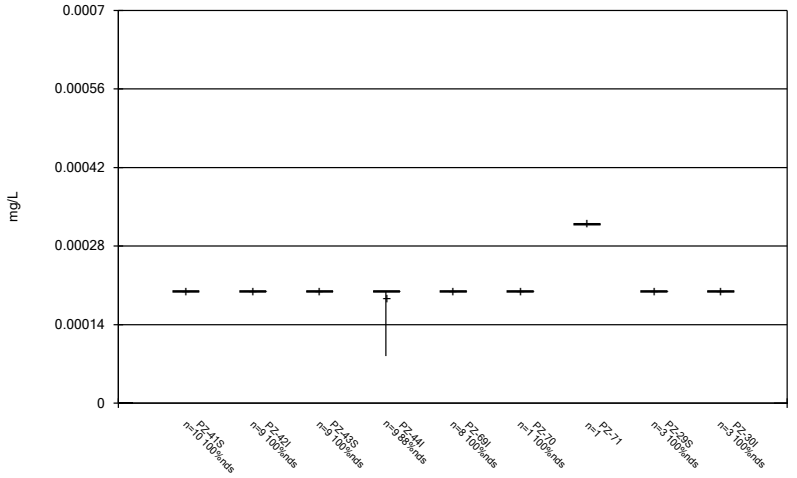
Box & Whiskers Plot



Constituent: Mercury Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

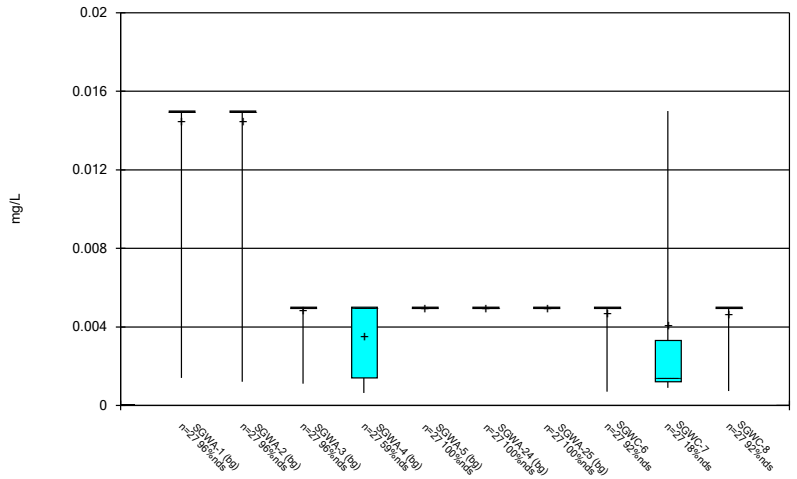
Box & Whiskers Plot



Constituent: Mercury Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

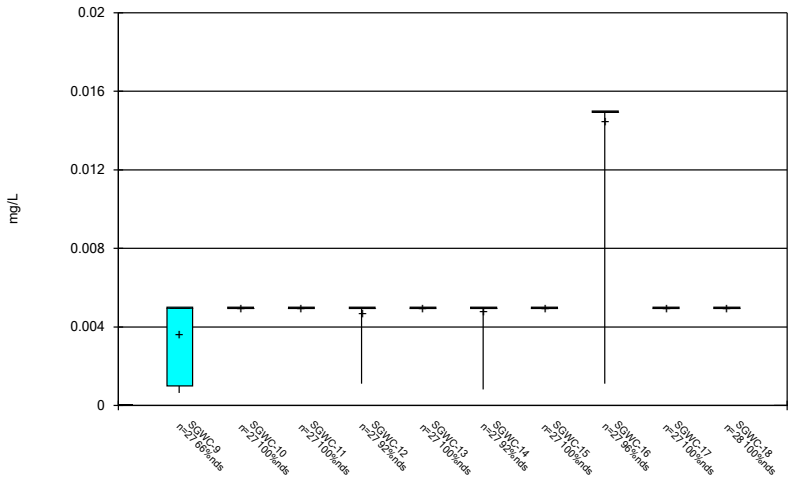
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

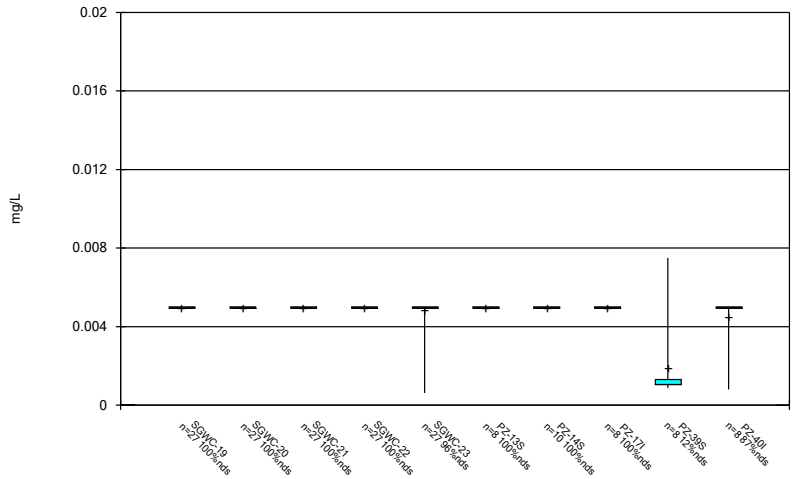
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 11/17/2025 10:00 AM View: Descriptive
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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

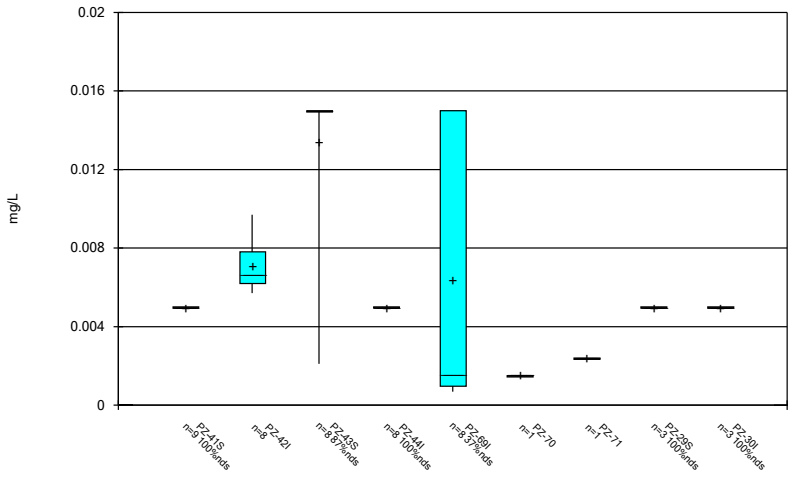
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

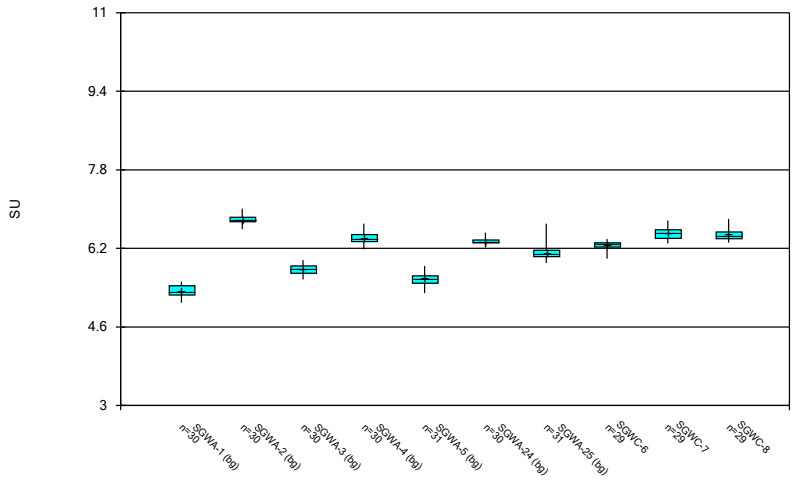
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

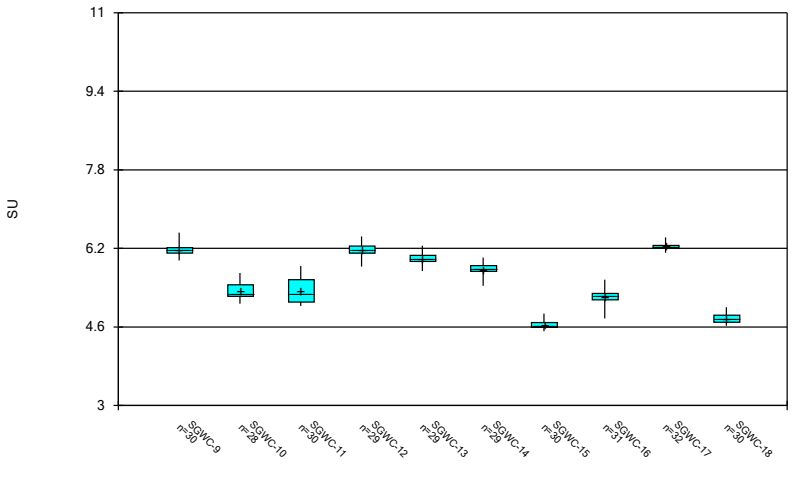
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

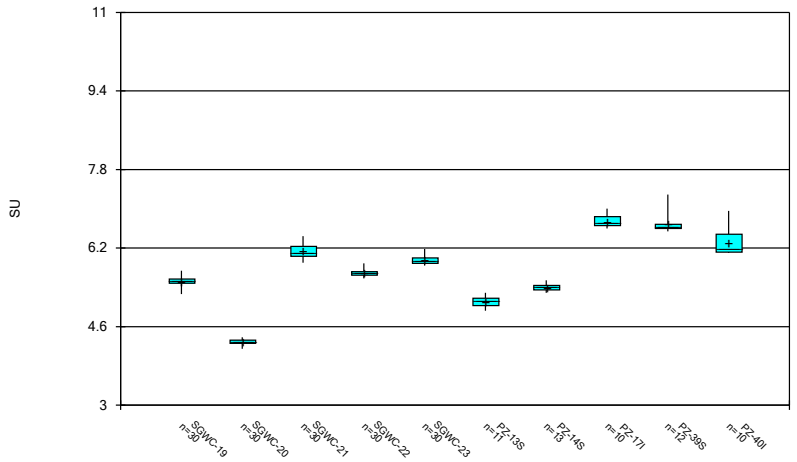
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

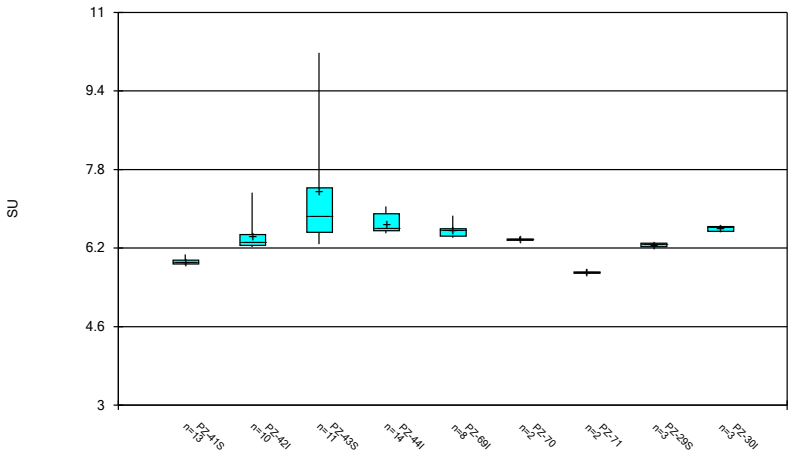
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

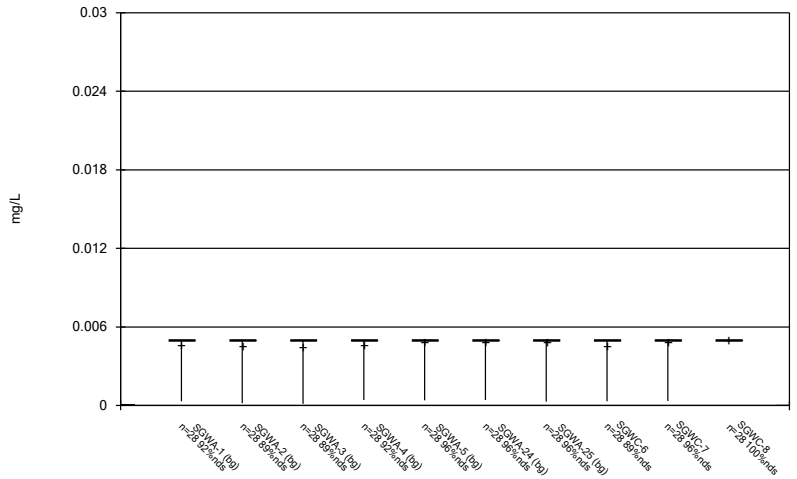
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

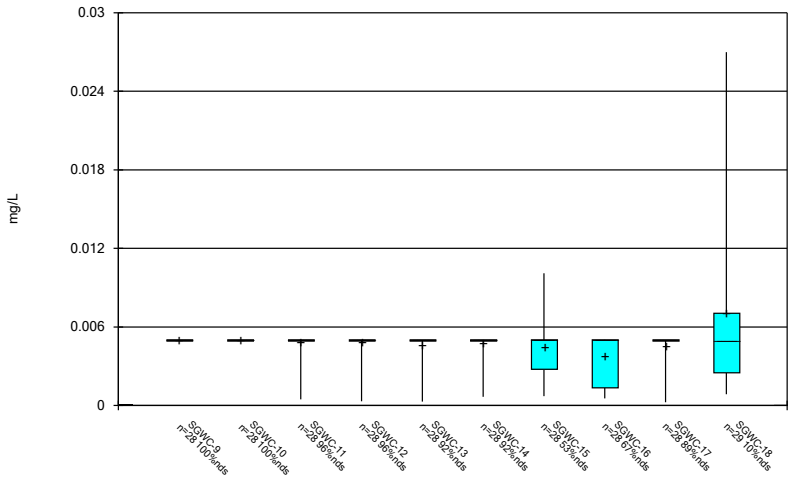
Box & Whiskers Plot



Constituent: Selenium Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

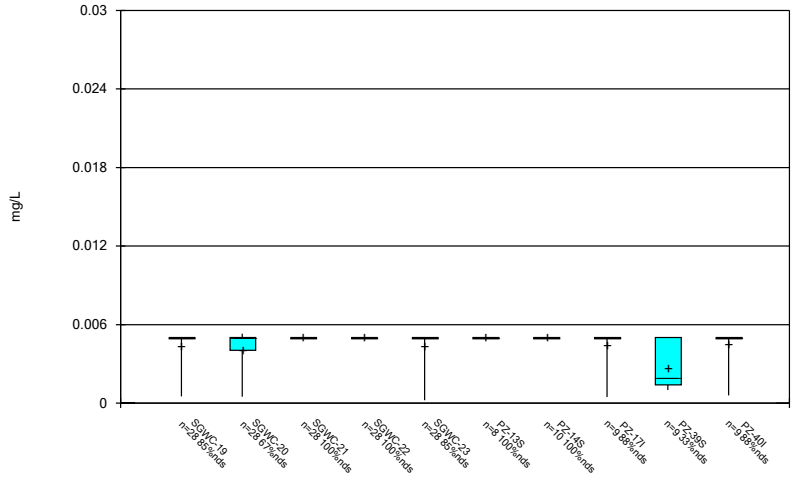
Box & Whiskers Plot



Constituent: Selenium Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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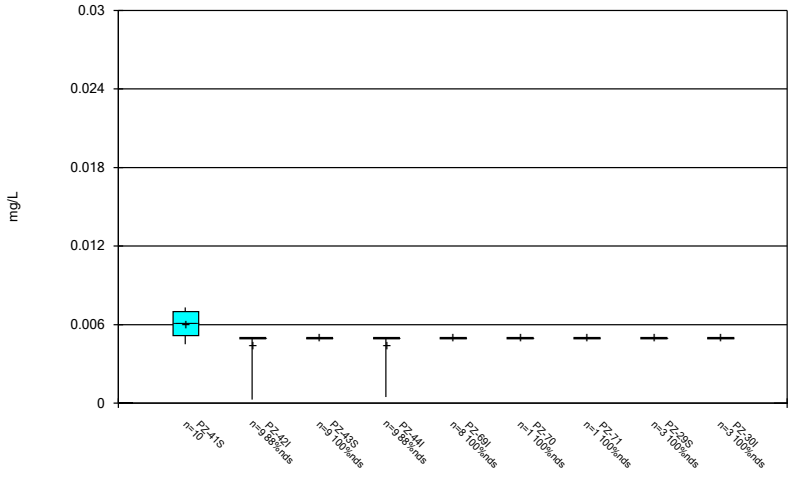
Box & Whiskers Plot



Constituent: Selenium Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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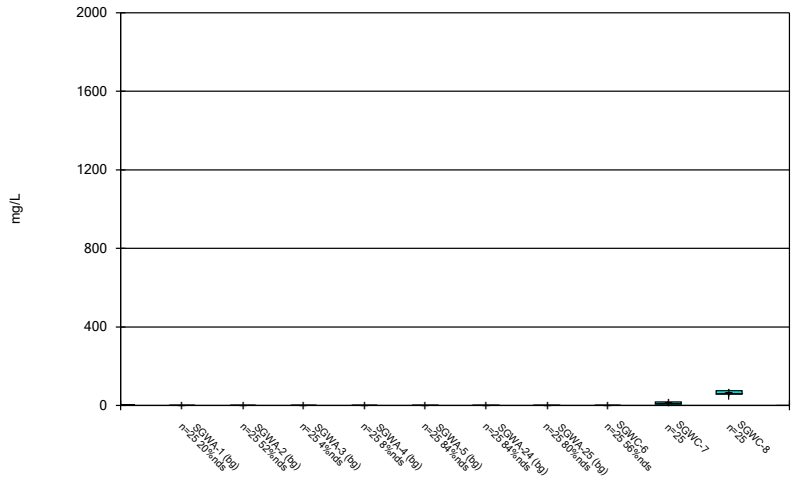
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer AP

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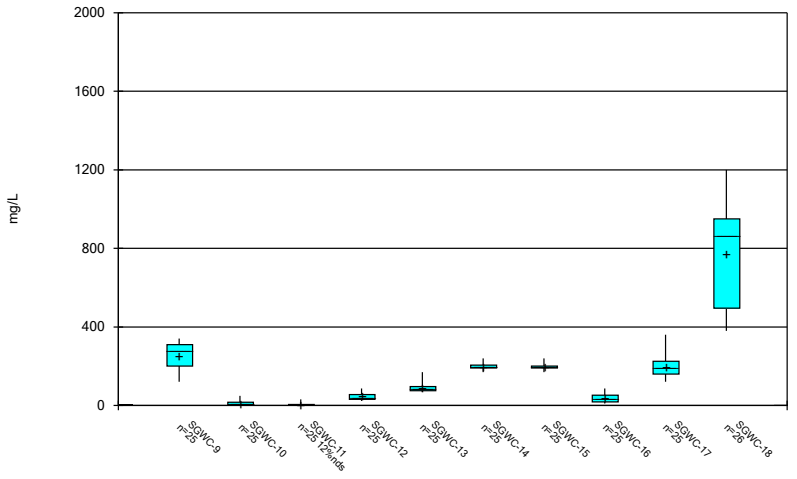
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Constituent: Sulfate Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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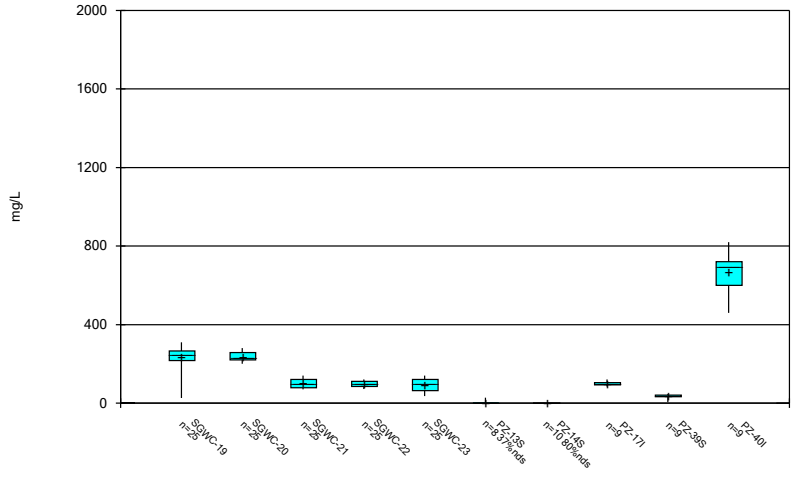
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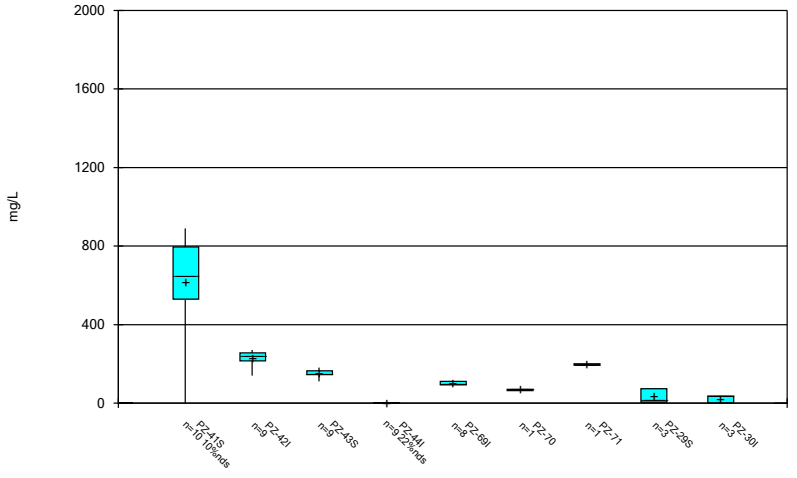
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Plant Scherer Client: Southern Company Data: Scherer AP

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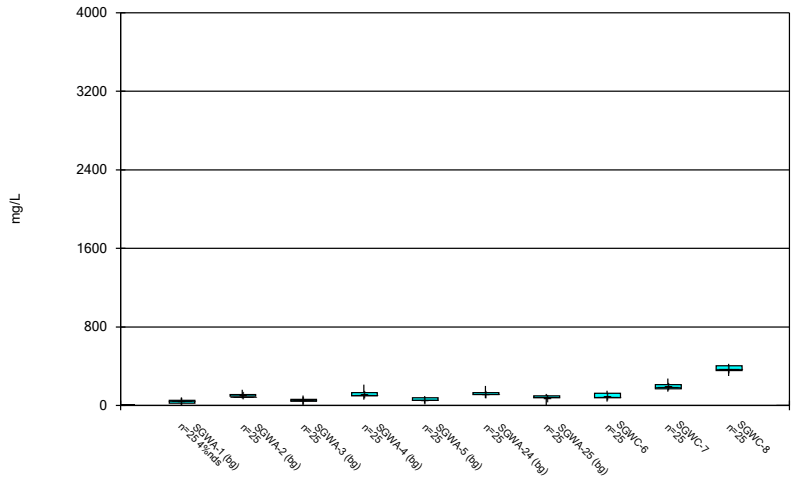
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Plant Scherer Client: Southern Company Data: Scherer AP

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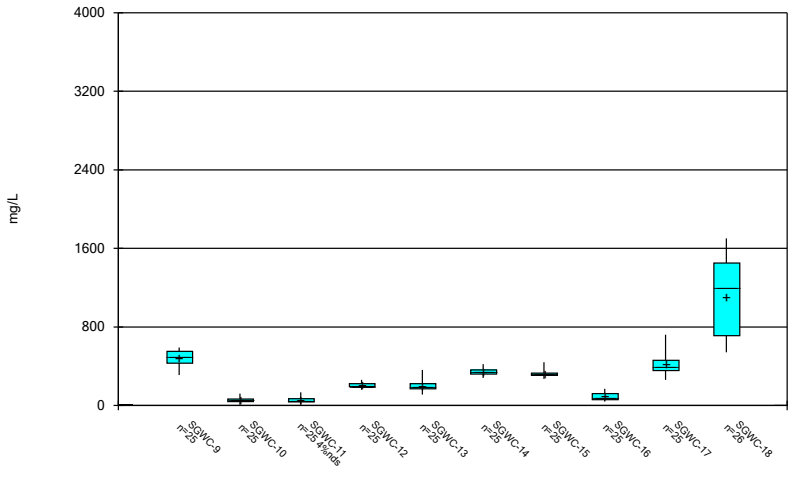
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Constituent: TDS Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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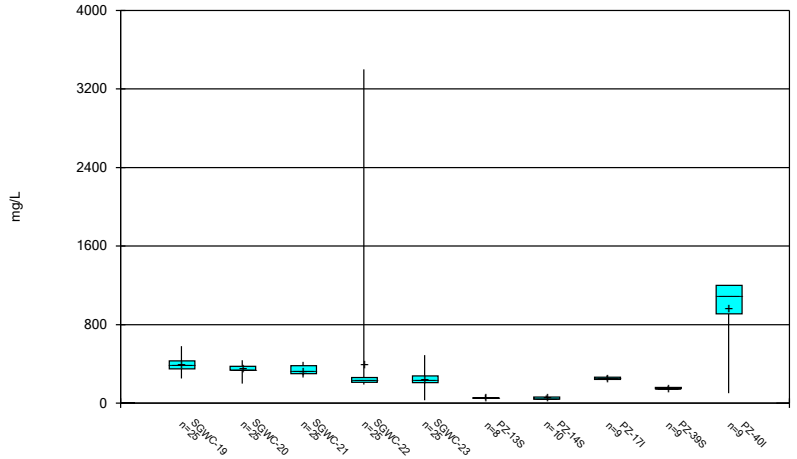
Box & Whiskers Plot



Constituent: TDS Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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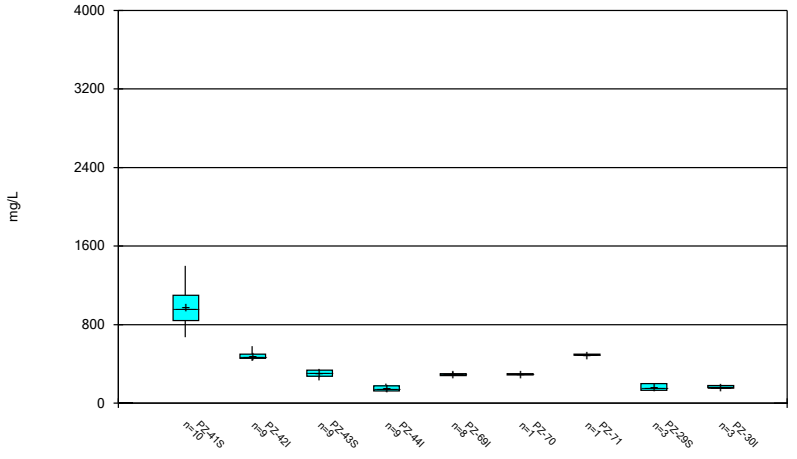
Box & Whiskers Plot



Constituent: TDS Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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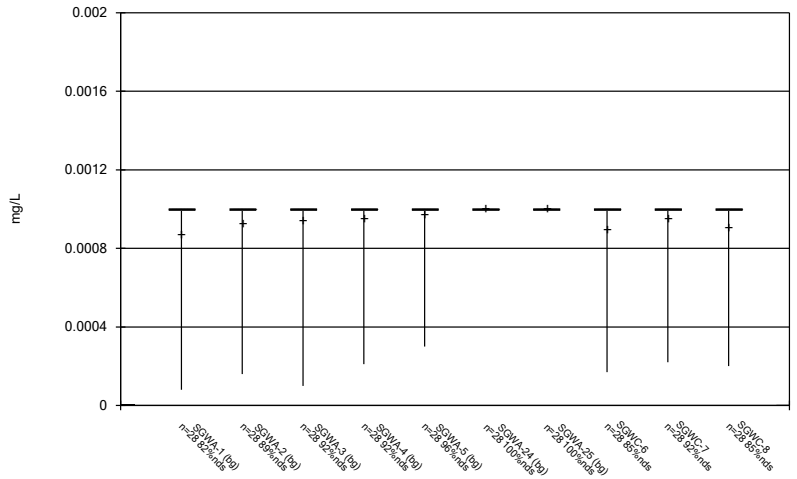
Box & Whiskers Plot



Constituent: TDS Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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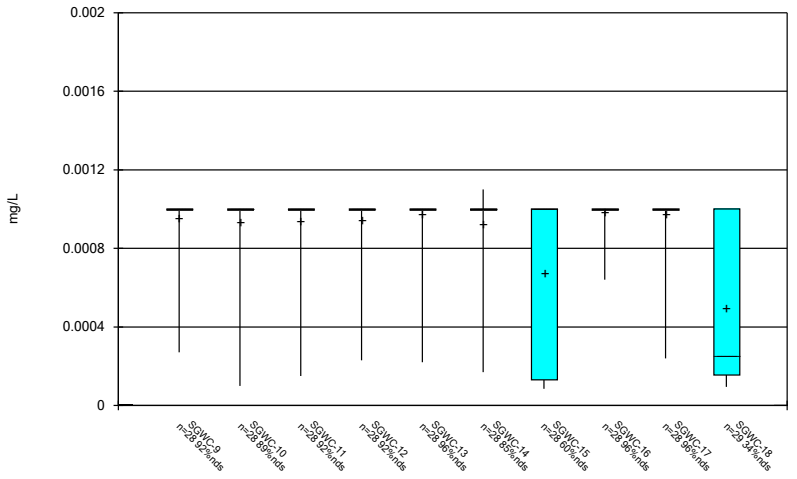
Box & Whiskers Plot



Constituent: Thallium Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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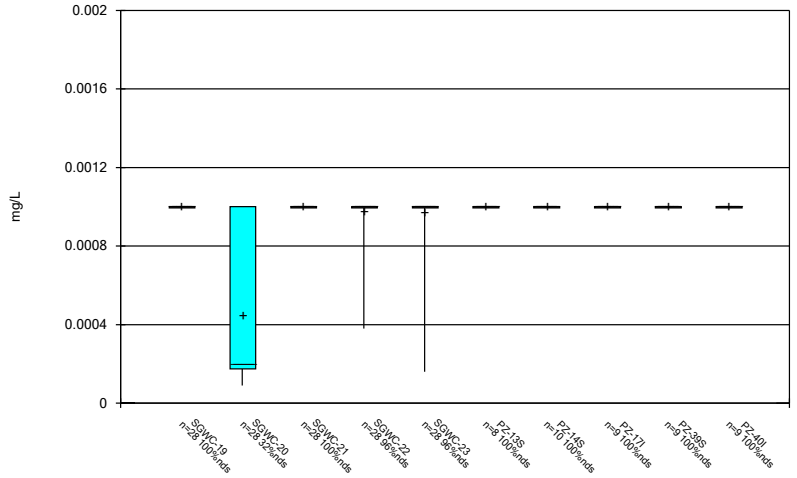
Box & Whiskers Plot



Constituent: Thallium Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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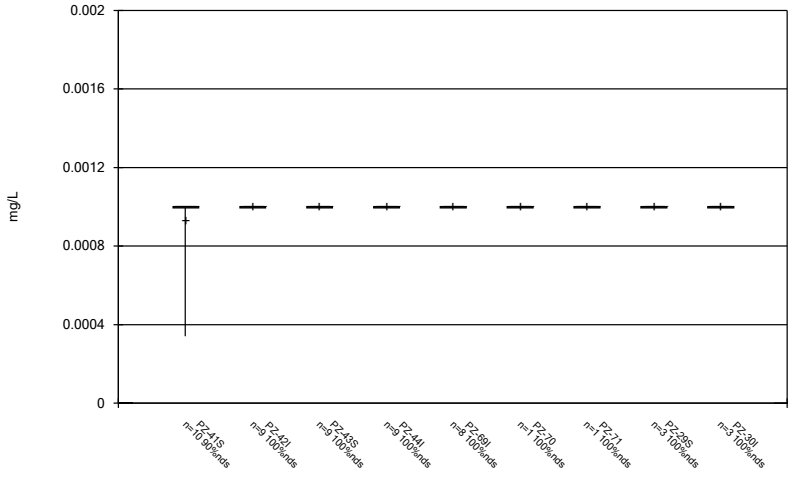
Box & Whiskers Plot



Constituent: Thallium Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

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Box & Whiskers Plot



Constituent: Thallium Analysis Run 11/17/2025 10:00 AM View: Descriptive
Plant Scherer Client: Southern Company Data: Scherer AP

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/24/2025, 10:17 AM

	SGWA-4 Fluoride (mg/L)
2/22/2023	0.6 (O)

FIGURE D.

Interwell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/8/2025, 11:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	SGWC-9	0.18	n/a	7/30/2025	1.3	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-10	0.18	n/a	7/30/2025	0.36	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-11	0.18	n/a	7/31/2025	0.86	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-13	0.18	n/a	7/30/2025	1	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-14	0.18	n/a	7/31/2025	1.4	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-15	0.18	n/a	7/30/2025	1.3	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-16	0.18	n/a	7/23/2025	0.83	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-17	0.18	n/a	7/23/2025	0.39	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-18	0.18	n/a	7/25/2025	5.1	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-19	0.18	n/a	7/24/2025	1.9	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-20	0.18	n/a	7/24/2025	1.5	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-21	0.18	n/a	7/28/2025	1.3	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-22	0.18	n/a	7/28/2025	0.41	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-23	0.18	n/a	7/28/2025	0.28	Yes	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Calcium (mg/L)	SGWC-8	23	n/a	7/30/2025	37	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-9	23	n/a	7/30/2025	42	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-12	23	n/a	7/31/2025	25	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-13	23	n/a	7/30/2025	34	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-14	23	n/a	7/31/2025	29	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-17	23	n/a	7/23/2025	77	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-18	23	n/a	7/25/2025	34	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-19	23	n/a	7/24/2025	39	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-21	23	n/a	7/28/2025	45	Yes	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Chloride (mg/L)	SGWC-8	3.249	n/a	7/30/2025	16	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-9	3.249	n/a	7/30/2025	27	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-10	3.249	n/a	7/30/2025	9.3	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-11	3.249	n/a	7/31/2025	11	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-12	3.249	n/a	7/31/2025	8.7	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-13	3.249	n/a	7/30/2025	19	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-14	3.249	n/a	7/31/2025	17	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-15	3.249	n/a	7/30/2025	14	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-16	3.249	n/a	7/23/2025	10	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-17	3.249	n/a	7/23/2025	7.7	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-18	3.249	n/a	7/25/2025	7.2	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-19	3.249	n/a	7/24/2025	11	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-20	3.249	n/a	7/24/2025	8	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-21	3.249	n/a	7/28/2025	5.3	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-22	3.249	n/a	7/28/2025	9.3	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-23	3.249	n/a	7/28/2025	6.9	Yes	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Fluoride (mg/L)	SGWC-7	0.2	n/a	7/30/2025	0.25	Yes	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-8	0.2	n/a	7/30/2025	0.47	Yes	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
pH, Field (SU)	SGWC-11	7.01	5.09	7/31/2025	5.08	Yes	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-15	7.01	5.09	7/30/2025	4.52	Yes	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-16	7.01	5.09	7/23/2025	5.02	Yes	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-18	7.01	5.09	7/25/2025	4.86	Yes	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-20	7.01	5.09	7/24/2025	4.28	Yes	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-7	3.75	n/a	7/30/2025	4.4	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-8	3.75	n/a	7/30/2025	37	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-9	3.75	n/a	7/30/2025	190	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-10	3.75	n/a	7/30/2025	49	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-11	3.75	n/a	7/31/2025	28	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-12	3.75	n/a	7/31/2025	86	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-13	3.75	n/a	7/30/2025	170	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-14	3.75	n/a	7/31/2025	220	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-15	3.75	n/a	7/30/2025	200	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-16	3.75	n/a	7/23/2025	87	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-17	3.75	n/a	7/23/2025	360	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-18	3.75	n/a	7/25/2025	870	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-19	3.75	n/a	7/24/2025	290	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-20	3.75	n/a	7/24/2025	270	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-21	3.75	n/a	7/28/2025	120	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-22	3.75	n/a	7/28/2025	71	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-23	3.75	n/a	7/28/2025	36	Yes	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
TDS (mg/L)	SGWC-7	159.3	n/a	7/30/2025	160	Yes	175	0.5714	No	0.000418	Param Inter 1 of 2
TDS (mg/L)	SGWC-8	159.3	n/a	7/30/2025	310	Yes	175	0.5714	No	0.000418	Param Inter 1 of 2
TDS (mg/L)	SGWC-9	159.3	n/a	7/30/2025	460	Yes	175	0.5714	No	0.000418	Param Inter 1 of 2
TDS (mg/L)	SGWC-12	159.3	n/a	7/31/2025	260	Yes	175	0.5714	No	0.000418	Param Inter 1 of 2
TDS (mg/L)	SGWC-13	159.3	n/a	7/30/2025	360	Yes	175	0.5714	No	0.000418	Param Inter 1 of 2

Interwell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/8/2025, 11:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
TDS (mg/L)	**SGWC-14**	**159.3**	**n/a**	**7/31/2025**	**420**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-15**	**159.3**	**n/a**	**7/30/2025**	**440**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-16**	**159.3**	**n/a**	**7/23/2025**	**170**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-17**	**159.3**	**n/a**	**7/23/2025**	**720**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-18**	**159.3**	**n/a**	**7/25/2025**	**1300**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-19**	**159.3**	**n/a**	**7/24/2025**	**580**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-20**	**159.3**	**n/a**	**7/24/2025**	**420**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-21**	**159.3**	**n/a**	**7/28/2025**	**420**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-22**	**159.3**	**n/a**	**7/28/2025**	**210**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-23**	**159.3**	**n/a**	**7/28/2025**	**170**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**

Interwell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/8/2025, 11:27 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Boron (mg/L)	SGWC-6	0.18	n/a	7/29/2025	0.08ND	No	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-7	0.18	n/a	7/30/2025	0.08ND	No	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	SGWC-8	0.18	n/a	7/30/2025	0.08ND	No	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	**SGWC-9**	**0.18**	**n/a**	**7/30/2025**	**1.3**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-10**	**0.18**	**n/a**	**7/30/2025**	**0.36**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-11**	**0.18**	**n/a**	**7/31/2025**	**0.86**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	SGWC-12	0.18	n/a	7/31/2025	0.08ND	No	175	88	n/a	0.00006435	NP Inter (NDs) 1 of 2
Boron (mg/L)	**SGWC-13**	**0.18**	**n/a**	**7/30/2025**	**1**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-14**	**0.18**	**n/a**	**7/31/2025**	**1.4**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-15**	**0.18**	**n/a**	**7/30/2025**	**1.3**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-16**	**0.18**	**n/a**	**7/23/2025**	**0.83**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-17**	**0.18**	**n/a**	**7/23/2025**	**0.39**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-18**	**0.18**	**n/a**	**7/25/2025**	**5.1**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-19**	**0.18**	**n/a**	**7/24/2025**	**1.9**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-20**	**0.18**	**n/a**	**7/24/2025**	**1.5**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-21**	**0.18**	**n/a**	**7/28/2025**	**1.3**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-22**	**0.18**	**n/a**	**7/28/2025**	**0.41**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**SGWC-23**	**0.18**	**n/a**	**7/28/2025**	**0.28**	**Yes**	**175**	**88**	**n/a**	**0.00006435**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	SGWC-6	23	n/a	7/29/2025	14	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-7	23	n/a	7/30/2025	17	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-8**	**23**	**n/a**	**7/30/2025**	**37**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-9**	**23**	**n/a**	**7/30/2025**	**42**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-10	23	n/a	7/30/2025	7.9	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-11	23	n/a	7/31/2025	3.1	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-12**	**23**	**n/a**	**7/31/2025**	**25**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-13**	**23**	**n/a**	**7/30/2025**	**34**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-14**	**23**	**n/a**	**7/31/2025**	**29**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-15	23	n/a	7/30/2025	16	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-16	23	n/a	7/23/2025	1.9	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-17**	**23**	**n/a**	**7/23/2025**	**77**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-18**	**23**	**n/a**	**7/25/2025**	**34**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**SGWC-19**	**23**	**n/a**	**7/24/2025**	**39**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-20	23	n/a	7/24/2025	19	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	**SGWC-21**	**23**	**n/a**	**7/28/2025**	**45**	**Yes**	**175**	**0**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	SGWC-22	23	n/a	7/28/2025	23	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Calcium (mg/L)	SGWC-23	23	n/a	7/28/2025	17	No	175	0	n/a	0.00006435	NP Inter (normality) 1 of 2
Chloride (mg/L)	SGWC-6	3.249	n/a	7/29/2025	2.2	No	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	SGWC-7	3.249	n/a	7/30/2025	3.2	No	175	0	sqrt(x)	0.000418	Param Inter 1 of 2
Chloride (mg/L)	**SGWC-8**	**3.249**	**n/a**	**7/30/2025**	**16**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-9**	**3.249**	**n/a**	**7/30/2025**	**27**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-10**	**3.249**	**n/a**	**7/30/2025**	**9.3**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-11**	**3.249**	**n/a**	**7/31/2025**	**11**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-12**	**3.249**	**n/a**	**7/31/2025**	**8.7**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-13**	**3.249**	**n/a**	**7/30/2025**	**19**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-14**	**3.249**	**n/a**	**7/31/2025**	**17**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-15**	**3.249**	**n/a**	**7/30/2025**	**14**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-16**	**3.249**	**n/a**	**7/23/2025**	**10**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-17**	**3.249**	**n/a**	**7/23/2025**	**7.7**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-18**	**3.249**	**n/a**	**7/25/2025**	**7.2**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-19**	**3.249**	**n/a**	**7/24/2025**	**11**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-20**	**3.249**	**n/a**	**7/24/2025**	**8**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-21**	**3.249**	**n/a**	**7/28/2025**	**5.3**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-22**	**3.249**	**n/a**	**7/28/2025**	**9.3**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Chloride (mg/L)	**SGWC-23**	**3.249**	**n/a**	**7/28/2025**	**6.9**	**Yes**	**175**	**0**	**sqrt(x)**	**0.000418**	**Param Inter 1 of 2**
Fluoride (mg/L)	SGWC-6	0.2	n/a	7/29/2025	0.19J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	**SGWC-7**	**0.2**	**n/a**	**7/30/2025**	**0.25**	**Yes**	**202**	**56.93**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	**SGWC-8**	**0.2**	**n/a**	**7/30/2025**	**0.47**	**Yes**	**202**	**56.93**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Fluoride (mg/L)	SGWC-9	0.2	n/a	7/30/2025	0.13J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-10	0.2	n/a	7/30/2025	0.15J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-11	0.2	n/a	7/31/2025	0.12J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-12	0.2	n/a	7/31/2025	0.16J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-13	0.2	n/a	7/30/2025	0.083J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-14	0.2	n/a	7/31/2025	0.13J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-15	0.2	n/a	7/30/2025	0.18J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-16	0.2	n/a	7/23/2025	0.14J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-17	0.2	n/a	7/23/2025	0.14J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-18	0.2	n/a	7/25/2025	0.13J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-19	0.2	n/a	7/24/2025	0.082J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2

Interwell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/8/2025, 11:27 AM

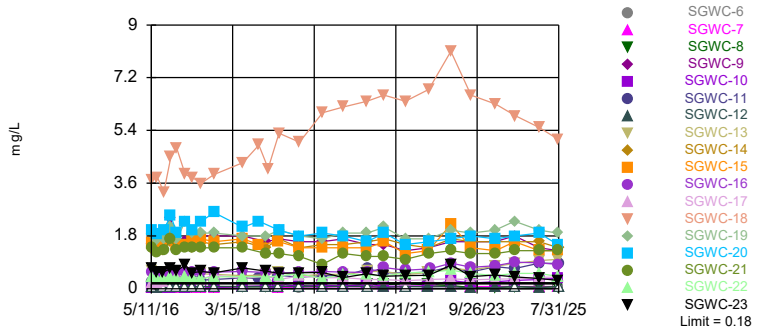
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Fluoride (mg/L)	SGWC-20	0.2	n/a	7/24/2025	0.2	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-21	0.2	n/a	7/28/2025	0.11J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-22	0.2	n/a	7/28/2025	0.082J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	SGWC-23	0.2	n/a	7/28/2025	0.19J	No	202	56.93	n/a	0.00004906	NP Inter (NDs) 1 of 2
pH, Field (SU)	SGWC-6	7.01	5.09	7/29/2025	6.09	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-7	7.01	5.09	7/30/2025	6.37	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-8	7.01	5.09	7/30/2025	6.49	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-9	7.01	5.09	7/30/2025	6.11	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-10	7.01	5.09	7/30/2025	5.28	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	**SGWC-11**	**7.01**	**5.09**	**7/31/2025**	**5.08**	**Yes**	**212**	**0**	**n/a**	**0.00009812**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	SGWC-12	7.01	5.09	7/31/2025	6.18	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-13	7.01	5.09	7/30/2025	5.78	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-14	7.01	5.09	7/31/2025	5.44	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	**SGWC-15**	**7.01**	**5.09**	**7/30/2025**	**4.52**	**Yes**	**212**	**0**	**n/a**	**0.00009812**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	**SGWC-16**	**7.01**	**5.09**	**7/23/2025**	**5.02**	**Yes**	**212**	**0**	**n/a**	**0.00009812**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	SGWC-17	7.01	5.09	7/23/2025	6.11	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	**SGWC-18**	**7.01**	**5.09**	**7/25/2025**	**4.86**	**Yes**	**212**	**0**	**n/a**	**0.00009812**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	SGWC-19	7.01	5.09	7/24/2025	5.4	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	**SGWC-20**	**7.01**	**5.09**	**7/24/2025**	**4.28**	**Yes**	**212**	**0**	**n/a**	**0.00009812**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	SGWC-21	7.01	5.09	7/28/2025	6.19	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-22	7.01	5.09	7/28/2025	5.63	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	SGWC-23	7.01	5.09	7/28/2025	5.88	No	212	0	n/a	0.00009812	NP Inter (normality) 1 of 2
Sulfate (mg/L)	SGWC-6	3.75	n/a	7/29/2025	1ND	No	175	47.43	n/a	0.00006435	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**SGWC-7**	**3.75**	**n/a**	**7/30/2025**	**4.4**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-8**	**3.75**	**n/a**	**7/30/2025**	**37**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-9**	**3.75**	**n/a**	**7/30/2025**	**190**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-10**	**3.75**	**n/a**	**7/30/2025**	**49**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-11**	**3.75**	**n/a**	**7/31/2025**	**28**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-12**	**3.75**	**n/a**	**7/31/2025**	**86**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-13**	**3.75**	**n/a**	**7/30/2025**	**170**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-14**	**3.75**	**n/a**	**7/31/2025**	**220**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-15**	**3.75**	**n/a**	**7/30/2025**	**200**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-16**	**3.75**	**n/a**	**7/23/2025**	**87**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-17**	**3.75**	**n/a**	**7/23/2025**	**360**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-18**	**3.75**	**n/a**	**7/25/2025**	**870**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-19**	**3.75**	**n/a**	**7/24/2025**	**290**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-20**	**3.75**	**n/a**	**7/24/2025**	**270**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-21**	**3.75**	**n/a**	**7/28/2025**	**120**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-22**	**3.75**	**n/a**	**7/28/2025**	**71**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**SGWC-23**	**3.75**	**n/a**	**7/28/2025**	**36**	**Yes**	**175**	**47.43**	**n/a**	**0.00006435**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	SGWC-6	159.3	n/a	7/29/2025	130	No	175	0.5714	No	0.000418	Param Inter 1 of 2
TDS (mg/L)	**SGWC-7**	**159.3**	**n/a**	**7/30/2025**	**160**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-8**	**159.3**	**n/a**	**7/30/2025**	**310**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-9**	**159.3**	**n/a**	**7/30/2025**	**460**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	SGWC-10	159.3	n/a	7/30/2025	120	No	175	0.5714	No	0.000418	Param Inter 1 of 2
TDS (mg/L)	SGWC-11	159.3	n/a	7/31/2025	97	No	175	0.5714	No	0.000418	Param Inter 1 of 2
TDS (mg/L)	**SGWC-12**	**159.3**	**n/a**	**7/31/2025**	**260**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-13**	**159.3**	**n/a**	**7/30/2025**	**360**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-14**	**159.3**	**n/a**	**7/31/2025**	**420**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-15**	**159.3**	**n/a**	**7/30/2025**	**440**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-16**	**159.3**	**n/a**	**7/23/2025**	**170**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-17**	**159.3**	**n/a**	**7/23/2025**	**720**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-18**	**159.3**	**n/a**	**7/25/2025**	**1300**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-19**	**159.3**	**n/a**	**7/24/2025**	**580**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-20**	**159.3**	**n/a**	**7/24/2025**	**420**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-21**	**159.3**	**n/a**	**7/28/2025**	**420**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-22**	**159.3**	**n/a**	**7/28/2025**	**210**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**
TDS (mg/L)	**SGWC-23**	**159.3**	**n/a**	**7/28/2025**	**170**	**Yes**	**175**	**0.5714**	**No**	**0.000418**	**Param Inter 1 of 2**

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Hollow symbols indicate censored values.

Exceeds Limit: SGWC-9, SGWC-10, SGWC-11, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18, SGWC-19...

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 175 background values. 88% NDs. Annual per-constituent alpha = 0.002314. Individual comparison alpha = 0.00006435 (1 of 2). Comparing 18 points to limit.

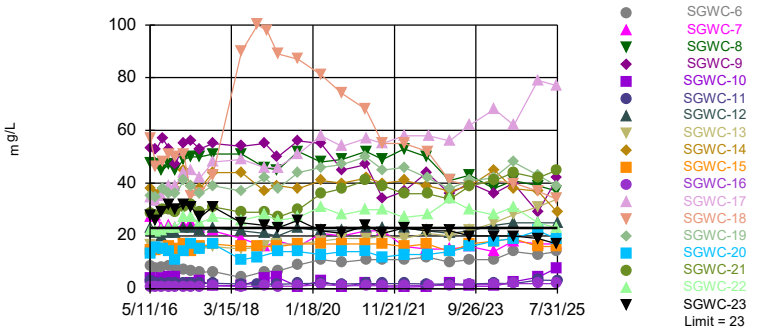
Constituent: Boron Analysis Run 9/8/2025 11:22 AM View: Appendix III Interwell
Plant Scherer Client: Southern Company Data: Scherer AP

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Exceeds Limit: SGWC-8, SGWC-9, SGWC-12, SGWC-13, SGWC-14, SGWC-17, SGWC-18, SGWC-19, SGWC-21

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 175 background values. Annual per-constituent alpha = 0.002314. Individual comparison alpha = 0.00006435 (1 of 2). Comparing 18 points to limit.

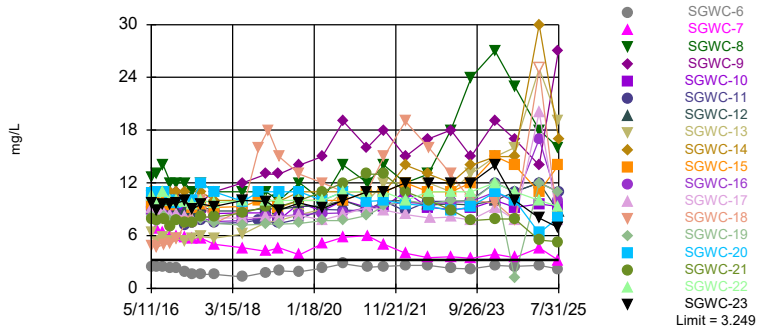
Constituent: Calcium Analysis Run 9/8/2025 11:22 AM View: Appendix III Interwell
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Exceeds Limit: SGWC-8, SGWC-9, SGWC-10, SGWC-11, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17...

Prediction Limit

Interwell Parametric



Background Data Summary (based on square root transformation): Mean=1.396, Std. Dev.=0.1959, n=175. Normality test: Chi Squared @alpha = 0.01, calculated = 12.14, critical = 14.07. Kappa = 2.077 (c=7, w=18, 1 of 2, event alpha = 0.05132). N exceeds UG tables; Kappa based on n=150. Report alpha = 0.007498. Individual comparison alpha = 0.000418. Comparing 18 points to limit.

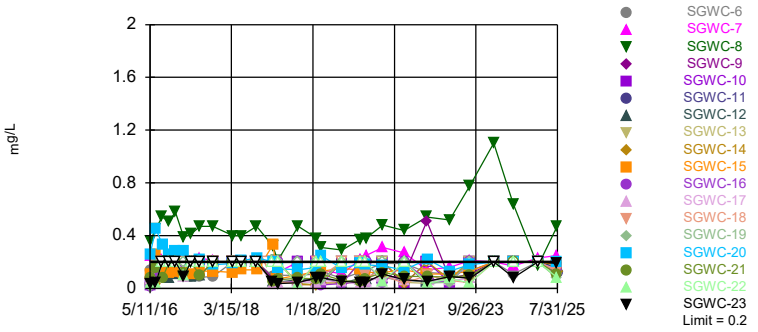
Constituent: Chloride Analysis Run 9/8/2025 11:22 AM View: Appendix III Interwell
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Exceeds Limit: SGWC-7, SGWC-8

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 202 background values. 56.93% NDs. Annual per-constituent alpha = 0.001765. Individual comparison alpha = 0.00004906 (1 of 2). Comparing 18 points to limit.

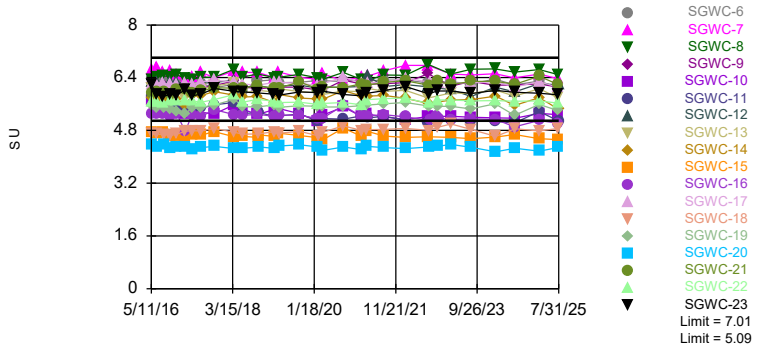
Constituent: Fluoride Analysis Run 9/8/2025 11:22 AM View: Appendix III Interwell
Plant Scherer Client: Southern Company Data: Scherer AP

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Exceeds Limits: SGWC-11, SGWC-15, SGWC-16, SGWC-18, SGWC-20

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 212 background values. Annual per-constituent alpha = 0.003529. Individual comparison alpha = 0.00009812 (1 of 2). Comparing 18 points to limit.

Constituent: pH, Field Analysis Run 9/8/2025 11:22 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

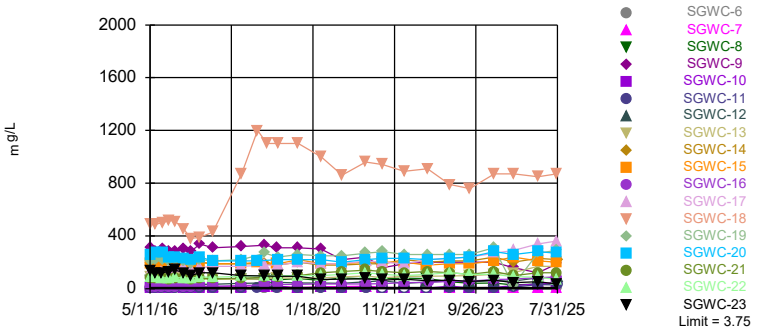
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Hollow symbols indicate censored values.

Exceeds Limit: SGWC-7, SGWC-8, SGWC-9, SGWC-10, SGWC-11, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16,..

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 175 background values. 47.43% NDs. Annual per-constituent alpha = 0.002314. Individual comparison alpha = 0.00006435 (1 of 2). Comparing 18 points to limit.

Constituent: Sulfate Analysis Run 9/8/2025 11:22 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

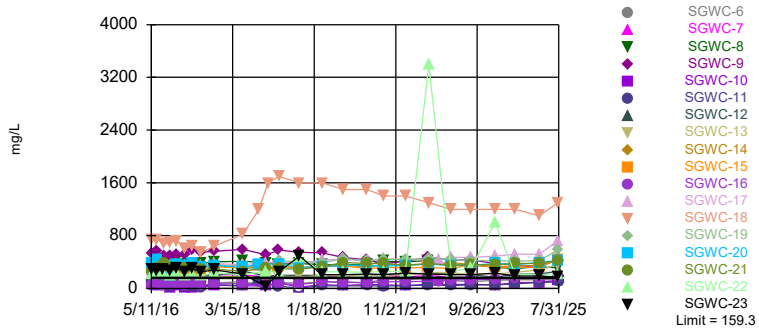
Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Exceeds Limit: SGWC-7, SGWC-8, SGWC-9, SGWC-12, SGWC-13, SGWC-14, SGWC-15, SGWC-16, SGWC-17, SGWC-18,..

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=81.82, Std. Dev.=37.29, n=175, 0.5714% NDs. Normality test: Chi Squared @alpha = 0.01, calculated = 13.06, critical = 14.07. Kappa = 2.077 (c=7, w=18, 1 of 2, event alpha = 0.05132). N exceeds UG tables; Kappa based on n=150. Report alpha = 0.007498. Individual comparison alpha = 0.000418. Comparing 18 points to limit.

Constituent: TDS Analysis Run 9/8/2025 11:22 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
5/10/2016	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08			
5/11/2016							<0.08	1.54	<0.08
5/12/2016									
5/13/2016									
6/23/2016	<0.08		<0.08	<0.08	<0.08				
6/24/2016						0.0109 (J)	0.0067 (J)		
6/27/2016		0.0052 (J)							0.0051 (J)
6/28/2016									
6/29/2016								1.52	
6/30/2016									
8/16/2016	<0.08		<0.08	<0.08	<0.08	<0.08			
8/17/2016		<0.08					<0.08		<0.08
8/18/2016									
8/19/2016									
8/22/2016								1.6	
10/13/2016	<0.08		<0.08						
10/14/2016		<0.08		<0.08	<0.08	<0.08			
10/17/2016							<0.08		<0.08
10/18/2016								2.4	
10/19/2016									
12/5/2016			<0.08						
12/6/2016	<0.08	<0.08		<0.08	<0.08	<0.08	<0.08		<0.08
12/7/2016								1.6	
12/8/2016									
2/14/2017	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08
2/15/2017									
2/16/2017								1.6	
4/10/2017			<0.08						
4/11/2017	<0.08	<0.08		<0.08	<0.08	<0.08	<0.08		
4/12/2017									<0.08
4/13/2017								1.7	
6/26/2017	<0.08		<0.08	<0.08	<0.08	<0.08	<0.08		
6/27/2017		<0.08						1.8	<0.08
6/28/2017									
10/10/2017	<0.08		<0.08		<0.08				
10/11/2017		<0.08		<0.08		<0.08	<0.08		<0.08
10/12/2017								1.8	
6/5/2018	<0.08	<0.08	<0.08	<0.08	<0.08				
6/6/2018						<0.08	<0.08	1.8	<0.08
6/7/2018									
6/8/2018									
10/16/2018									
10/18/2018									
12/13/2018	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08		
12/14/2018									<0.08
12/17/2018								1.6	
1/2/2019									
3/28/2019		<0.08		<0.08		<0.08	<0.08		
3/29/2019	<0.08		<0.08		<0.08				
4/1/2019								1.7	
4/2/2019									<0.08
9/12/2019				<0.08					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
9/13/2019			<0.08						
9/16/2019	0.13	<0.08			0.089	0.05	<0.08	1.6	0.04 (J)
9/17/2019									
9/18/2019									
3/17/2020		<0.08		<0.08	<0.08	<0.08			
3/18/2020	<0.08		<0.08				<0.08		
3/23/2020									
3/24/2020									
3/25/2020								1.6	<0.08
3/26/2020									
3/27/2020									
9/14/2020	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	1.7	<0.08
9/15/2020									
3/30/2021	0.041 (J)		0.072 (J)		0.045 (J)				
3/31/2021				<0.08		<0.08	<0.08	1.5	
4/1/2021									<0.08
4/6/2021									
4/7/2021		<0.08							
8/17/2021	<0.08	<0.08			<0.08		<0.08		
8/18/2021			<0.08	<0.08		<0.08			<0.08
8/19/2021								1.5	
8/20/2021									
2/9/2022	<0.08	<0.08		<0.08	<0.08	<0.08	<0.08		<0.08
2/10/2022			<0.08					1.3	
2/11/2022									
2/14/2022									
8/17/2022	<0.08				<0.08				
8/18/2022		<0.08	<0.08	<0.08		0.072 (J)	<0.08	1.4	
8/19/2022									<0.08
8/22/2022									
8/23/2022									
8/31/2022									
2/21/2023	<0.08			<0.08		<0.08			
2/22/2023					<0.08		<0.08	1.6	<0.08
2/23/2023		0.1	0.18						
8/1/2023	0.029 (J)			0.057 (J)	0.044 (J)				0.037 (J)
8/2/2023									
8/7/2023						<0.08	<0.08	1.6	
8/8/2023		<0.08	<0.08						
2/20/2024	<0.08				<0.08		<0.08		<0.08
2/21/2024			<0.08	<0.08		<0.08		1.6	
2/23/2024									
2/26/2024									
2/27/2024		0.023 (J)							
7/31/2024	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08		
8/1/2024								1.8	<0.08
8/2/2024									
8/5/2024									
2/19/2025		<0.08	<0.08				0.032 (J)	1.4	
2/20/2025	0.033 (J)			0.023 (J)	0.032 (J)	0.068 (J)			0.069 (J)
2/21/2025									
7/23/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
7/24/2025	<0.08				<0.08	<0.08	<0.08		
7/25/2025									
7/28/2025			<0.08						
7/29/2025									<0.08
7/30/2025		<0.08						1.3	
7/31/2025				<0.08					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
5/10/2016									
5/11/2016	0.0678 (J)	<0.08	0.0359 (J)	0.242	0.0275 (J)				
5/12/2016						1.99	0.691	1.4	0.195
5/13/2016									
6/23/2016									
6/24/2016									
6/27/2016	0.0767 (J)		0.0354 (J)						
6/28/2016		0.0054 (J)		0.245	0.035 (J)				
6/29/2016						1.88	0.557	1.25	0.198
6/30/2016									
8/16/2016									
8/17/2016	0.067		0.039 (J)	0.26	0.028 (J)				
8/18/2016		<0.08							0.24
8/19/2016							0.58		
8/22/2016						2		1.3	
10/13/2016									
10/14/2016									
10/17/2016	0.059	<0.08		0.25	0.032 (J)				
10/18/2016			0.039 (J)			2.5	0.68	1.7	
10/19/2016									0.37
12/5/2016									
12/6/2016	0.054	<0.08	0.03 (J)	0.27	<0.08				
12/7/2016							0.6	1.3	0.4
12/8/2016						1.9			
2/14/2017	0.063		0.031 (J)						
2/15/2017		<0.08		0.28	0.035 (J)		0.82		0.38
2/16/2017						2.3		1.4	
4/10/2017									
4/11/2017									
4/12/2017	0.068	<0.08	0.039 (J)	0.29	0.052				
4/13/2017						2	0.54	1.4	0.34
6/26/2017									
6/27/2017	0.067	<0.08	0.028 (J)	0.29	<0.08				0.33
6/28/2017						2.3	0.59	1.4	
10/10/2017									
10/11/2017		<0.08	0.026 (J)	0.31					
10/12/2017	0.075				0.049 (J)	2.6	0.54	1.4	0.47
6/5/2018									
6/6/2018	0.059	<0.08	<0.08	0.37	0.07				
6/7/2018						2.1	0.71	1.4	0.35
6/8/2018									
10/16/2018				0.35					
10/18/2018						2.3			
12/13/2018									
12/14/2018	0.064	<0.08	<0.08						0.44
12/17/2018					0.098		0.6	1.2	
1/2/2019									
3/28/2019									
3/29/2019									
4/1/2019	0.076	<0.08	0.025 (J)	0.46	0.16				
4/2/2019						2	0.52	1.2	0.32
9/12/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
9/13/2019									
9/16/2019		<0.08		0.39					
9/17/2019	0.11		<0.08		0.077	1.8		1.1	0.43
9/18/2019							0.54		
3/17/2020									
3/18/2020									
3/23/2020						1.9		0.83	
3/24/2020							0.55		0.37
3/25/2020	0.089			0.45	0.12				
3/26/2020		<0.08	0.055 (J)						
3/27/2020									
9/14/2020	0.1	<0.08	<0.08	0.43	0.082				
9/15/2020						1.8	0.38	1.2	0.38
3/30/2021						1.6		1.1	
3/31/2021					0.15		0.51		
4/1/2021	0.14		0.069 (J)						0.31
4/6/2021									
4/7/2021		<0.08		0.68					
8/17/2021									
8/18/2021	0.14		0.047 (J)				0.42	1.1	0.32
8/19/2021				0.54	0.091	1.9			
8/20/2021		0.043 (J)							
2/9/2022			<0.08						
2/10/2022	0.16	<0.08		0.53			0.45		
2/11/2022					0.09	1.5		1	0.27
2/14/2022									
8/17/2022									
8/18/2022	0.14	0.061 (J)	0.1	0.57					
8/19/2022					0.083				
8/22/2022						1.6	0.46	1.2	
8/23/2022									
8/31/2022									0.31
2/21/2023									
2/22/2023	0.11		0.064 (J)	0.75	0.28	1.7			0.34
2/23/2023		0.079 (J)					0.81	1.3	
8/1/2023									
8/2/2023				0.57					
8/7/2023		0.024 (J)			0.19	1.8			0.3
8/8/2023	0.046 (J)		<0.08				0.41	1.2	
2/20/2024									
2/21/2024	0.036 (J)		<0.08				0.47		
2/23/2024		0.043 (J)		0.75	0.24				
2/26/2024						1.7			0.33
2/27/2024								1.2	
7/31/2024			<0.08						
8/1/2024	<0.08	<0.08		0.69					
8/2/2024						1.8	0.4	1.3	
8/5/2024					0.28				0.34
2/19/2025	0.042 (J)	0.039 (J)	<0.08		0.31				0.39
2/20/2025				0.87		1.9		1.3	
2/21/2025							0.35		
7/23/2025									0.39

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
7/24/2025						1.5			
7/25/2025									
7/28/2025							0.28	1.3	
7/29/2025									
7/30/2025	<0.08		<0.08		0.36				
7/31/2025		<0.08		0.86					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
5/10/2016							
5/11/2016							
5/12/2016	0.562	1.57	1.38	0.599	0.411		
5/13/2016						3.71	1.87
6/23/2016							
6/24/2016							
6/27/2016							
6/28/2016	0.546	1.36	1.29	0.52			
6/29/2016					0.373		1.67
6/30/2016						3.8	
8/16/2016							
8/17/2016							
8/18/2016	0.54	1.5	1.3	0.51			
8/19/2016					0.37		
8/22/2016						3.3	1.7
10/13/2016							
10/14/2016							
10/17/2016			1.6	0.58			
10/18/2016	0.55	1.9			0.41		2.1
10/19/2016						4.5	
12/5/2016							
12/6/2016				0.5			
12/7/2016	0.56	1.5	1.5		0.36	4.8	
12/8/2016							1.7
2/14/2017							
2/15/2017		1.5	1.5	0.5			
2/16/2017	0.58				0.38	3.9	2.3
4/10/2017							
4/11/2017							
4/12/2017		1.7	1.4	0.47			
4/13/2017	0.56				0.4	3.8	1.9
6/26/2017							
6/27/2017	0.56	1.7	1.6	0.51			
6/28/2017					0.35	3.6	1.9
10/10/2017							
10/11/2017			1.5	0.49			
10/12/2017	0.57	1.6			0.4	3.9	1.9
6/5/2018							
6/6/2018							
6/7/2018	0.59	1.7	1.6	0.45	0.41		
6/8/2018						4.3	1.8
10/16/2018		1.5					
10/18/2018						4.9	
12/13/2018							
12/14/2018			1.4	0.47			
12/17/2018	0.55				0.4		1.8
1/2/2019						4.1	
3/28/2019							
3/29/2019							
4/1/2019		1.6	1.7	0.57			
4/2/2019	0.53				0.44	5.3	2
9/12/2019							

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
9/13/2019							
9/16/2019							
9/17/2019	0.55	1.4	1.4	0.43		5	1.8
9/18/2019					0.52		
3/17/2020							
3/18/2020							
3/23/2020							1.7
3/24/2020					0.34		
3/25/2020							
3/26/2020						6	
3/27/2020	0.59	1.4	1.5	0.49			
9/14/2020				0.49			
9/15/2020	0.57	1.4	1.5		0.5	6.2	1.9
3/30/2021						6.4	1.9
3/31/2021		1.4			0.47		
4/1/2021	0.55						
4/6/2021			1.6				
4/7/2021				0.59			
8/17/2021							
8/18/2021					0.44	6.6	
8/19/2021	0.72	1.6	1.7	0.59			2.1
8/20/2021							
2/9/2022							
2/10/2022	0.63				0.54	6.4	
2/11/2022		1.2		0.48			1.7
2/14/2022			1.5				
8/17/2022							
8/18/2022				0.55			
8/19/2022		1.3	1.4				
8/22/2022					0.57		1.7
8/23/2022						6.8	
8/31/2022	0.67						
2/21/2023							
2/22/2023						8.1	2
2/23/2023	0.87	2.2	1.7	0.69	0.63		
8/1/2023							
8/2/2023				0.64			
8/7/2023		1.4			0.52	6.6	1.9
8/8/2023	0.73		1.6				
2/20/2024							2
2/21/2024					0.45		
2/23/2024				0.76			
2/26/2024	0.78	1.3					
2/27/2024			1.6			6.3	
7/31/2024							
8/1/2024	0.9	1.6	1.6	0.86			2.3
8/2/2024					0.52		
8/5/2024						5.9	
2/19/2025	0.88		1.6	0.96			
2/20/2025		1.3			0.52		
2/21/2025						5.5	2
7/23/2025	0.83						

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
7/24/2025							1.9
7/25/2025						5.1	
7/28/2025					0.41		
7/29/2025							
7/30/2025		1.3		1			
7/31/2025			1.4				

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
5/10/2016	3	11.4	12.3	2.64	10.1	6.22			
5/11/2016							14.4	53.1	8.7
5/12/2016									
5/13/2016									
6/23/2016	2.42		11.3	1.65	8.45				
6/24/2016						5.55	14.2		
6/27/2016		9.16							7.48
6/28/2016									
6/29/2016								52.6	
6/30/2016									
8/16/2016	2.1		11	1.3	9.4	5			
8/17/2016		9.6					15		8
8/18/2016									
8/19/2016									
8/22/2016								57	
10/13/2016	2.7		12						
10/14/2016		11		1.4	10	5.4			
10/17/2016							16		8.6
10/18/2016								53	
10/19/2016									
12/5/2016			12						
12/6/2016	2.1	11		1.4	10	4.8	15		8.2
12/7/2016								47	
12/8/2016									
2/14/2017	1.8	12	13	1.4	11	4.6	17		7.2
2/15/2017									
2/16/2017								55	
4/10/2017			12						
4/11/2017	1.8	11		1.4	10	5	17		
4/12/2017									6.7
4/13/2017								56	
6/26/2017	1.7		13	1.5	10	4.9	18		
6/27/2017		9.5						53	6.2
6/28/2017									
10/10/2017	2.3		14		11				
10/11/2017		11		1.6		5.5	19		6.5
10/12/2017								55	
6/5/2018	2.6	9.7	13	1.5	11				
6/6/2018						4.1	18	54	4.2
6/7/2018									
6/8/2018									
10/16/2018									
10/18/2018									
12/13/2018	1.7	9.4	12	1.4	10	4.3	18		
12/14/2018									6.5
12/17/2018								55	
1/2/2019									
3/28/2019		8.7		1.4		4.8	17		
3/29/2019	2		12		11				
4/1/2019								50	
4/2/2019									6.7
9/12/2019				1.6					

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
9/13/2019			14						
9/16/2019	1.7	9.5			12	5.9	18	56	8.9
9/17/2019									
9/18/2019									
3/17/2020		8.8		1.7	11	5.3			
3/18/2020	1.8		14				18		
3/23/2020									
3/24/2020									
3/25/2020								55	11
3/26/2020									
3/27/2020									
9/14/2020	1.6	9.1	14	1.6	11	5.7	17	45	10
9/15/2020									
3/30/2021	2.2		15		12				
3/31/2021				1.6		5.5	17	47	
4/1/2021									11
4/6/2021									
4/7/2021		9.5							
8/17/2021	1.8	9.6			12		18		
8/18/2021			14	1.7		5.9			11
8/19/2021								34	
8/20/2021									
2/9/2022	1.8	9.3		1.8	11	6	18		11
2/10/2022			15					37	
2/11/2022									
2/14/2022									
8/17/2022	1.9				11				
8/18/2022		9.1	16	1.7		5.9	20	44	
8/19/2022									12
8/22/2022									
8/23/2022									
8/31/2022									
2/21/2023	2.2			1.8		6.4			
2/22/2023					11		20	36	10
2/23/2023		9.6	17						
8/1/2023	2.3			2.1	12				11
8/2/2023									
8/7/2023						6.1	21	40	
8/8/2023		8.9	16						
2/20/2024	1.7				13		23		11
2/21/2024			16	1.5		5.7		36	
2/23/2024									
2/26/2024									
2/27/2024		11							
7/31/2024	2.2	9.7	20	2.2	12	6.9	21		
8/1/2024								40	14
8/2/2024									
8/5/2024									
2/19/2025		11	18				21	29	
2/20/2025	2.1			1.8	12	6.4			13
2/21/2025									
7/23/2025									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
7/24/2025	2.4				12	5.9	20		
7/25/2025									
7/28/2025			18						
7/29/2025									14
7/30/2025		9.6						42	
7/31/2025				1.7					

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
5/10/2016									
5/11/2016	47.6	23.1	27.2	2.91	4.14				
5/12/2016						13.2	27.6	28.7	34.8
5/13/2016									
6/23/2016									
6/24/2016									
6/27/2016	47		27.9						
6/28/2016		21		2.19	3.13				
6/29/2016						15.8	25.6	27.9	33.1
6/30/2016									
8/16/2016									
8/17/2016	45		23	1.9	4.1				
8/18/2016		20							35
8/19/2016							29		
8/22/2016						15		30	
10/13/2016									
10/14/2016									
10/17/2016	47	21		2	4.2				
10/18/2016			24			14	32	30	
10/19/2016									39
12/5/2016									
12/6/2016	45	21	23	1.9	4.3				
12/7/2016							30	29	39
12/8/2016						11			
2/14/2017	49		24						
2/15/2017		23		1.9	1.5		32		44
2/16/2017						14		31	
4/10/2017									
4/11/2017									
4/12/2017	50	23	25	1.9	2.2				
4/13/2017						17	31	32	45
6/26/2017									
6/27/2017	50	22	23	1.9	3.1				42
6/28/2017						15	27	29	
10/10/2017									
10/11/2017		23	22	2					
10/12/2017	51				1.2	17	31	31	48
6/5/2018									
6/6/2018	51	22	19	1.8	1.2				
6/7/2018						11	25	29	49
6/8/2018									
10/16/2018				1.8					
10/18/2018						12			
12/13/2018									
12/14/2018	46	21	16						46
12/17/2018					4		24	29	
1/2/2019									
3/28/2019									
3/29/2019									
4/1/2019	45	20	18	1.7	4.2				
4/2/2019						14	23	27	46
9/12/2019									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
9/13/2019									
9/16/2019		23		1.9					
9/17/2019	52		16		0.79	14		30	51
9/18/2019							26		
3/17/2020									
3/18/2020									
3/23/2020						13		36	
3/24/2020							22		58
3/25/2020	48			2	2.9				
3/26/2020		22	21						
3/27/2020									
9/14/2020	49	22	20	1.8	0.75				
9/15/2020						14	21	38	54
3/30/2021						14		41	
3/31/2021					2.3		24		
4/1/2021	52		22						57
4/6/2021									
4/7/2021		23		1.9					
8/17/2021									
8/18/2021	49		22				21	39	55
8/19/2021				1.9	0.67	12			
8/20/2021		23							
2/9/2022			16						
2/10/2022	53	23		1.9			23		
2/11/2022					0.55	13		36	58
2/14/2022									
8/17/2022									
8/18/2022	50	22	15	1.8					
8/19/2022					0.78				
8/22/2022						13	22	36	
8/23/2022									
8/31/2022									58
2/21/2023									
2/22/2023	41		15	1.7	2.2	14			56
2/23/2023		21					22	34	
8/1/2023									
8/2/2023				1.8					
8/7/2023		22			1	16			62
8/8/2023	43		16				20	39	
2/20/2024									
2/21/2024	38		14				20		
2/23/2024		24		2	0.98				
2/26/2024						18			68
2/27/2024								41	
7/31/2024			18						
8/1/2024	41	25		1.9					
8/2/2024						19	20	44	
8/5/2024					2.7				62
2/19/2025	39	25	17		4.3				79
2/20/2025				3.3		22		42	
2/21/2025							19		
7/23/2025									77

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell
Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
7/24/2025						19			
7/25/2025									
7/28/2025							17	45	
7/29/2025									
7/30/2025	37		17		7.9				
7/31/2025		25		3.1					

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
5/10/2016							
5/11/2016							
5/12/2016	0.75	14.5	37.7	16.6	21.9		
5/13/2016						56.9	35.3
6/23/2016							
6/24/2016							
6/27/2016							
6/28/2016	0.768	14.7	35.8	14.4			
6/29/2016					21.8		34.6
6/30/2016						46.4	
8/16/2016							
8/17/2016							
8/18/2016	0.7	15	37	15			
8/19/2016					22		
8/22/2016						48	38
10/13/2016							
10/14/2016							
10/17/2016			37	15			
10/18/2016	0.75	16			23		36
10/19/2016						51	
12/5/2016							
12/6/2016				14			
12/7/2016	0.73	15	38		23	50	
12/8/2016							36
2/14/2017							
2/15/2017		17	45	17			
2/16/2017	0.81				27	51	41
4/10/2017							
4/11/2017							
4/12/2017		14	39	16			
4/13/2017	0.88				27	35	39
6/26/2017							
6/27/2017	0.76	16	38	15			
6/28/2017					25	36	36
10/10/2017							
10/11/2017			44	16			
10/12/2017	1.1	17			27	43	39
6/5/2018							
6/6/2018							
6/7/2018	0.84	16	44	15	26		
6/8/2018						90	37
10/16/2018		16					
10/18/2018						100	
12/13/2018							
12/14/2018			37	16			
12/17/2018	0.94				28		42
1/2/2019						98	
3/28/2019							
3/29/2019							
4/1/2019		16	39	17			
4/2/2019	0.92				26	89	38
9/12/2019							

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
9/13/2019							
9/16/2019							
9/17/2019	1	17	38	17		87	44
9/18/2019					27		
3/17/2020							
3/18/2020							
3/23/2020							46
3/24/2020					31		
3/25/2020							
3/26/2020						81	
3/27/2020	1.5	17	41	18			
9/14/2020				19			
9/15/2020	1.1	17	40		28	74	47
3/30/2021						68	50
3/31/2021		17			30		
4/1/2021	1.2						
4/6/2021			42				
4/7/2021				19			
8/17/2021							
8/18/2021					30	55	
8/19/2021	1.1	17	40	20			45
8/20/2021							
2/9/2022							
2/10/2022	1.2				27	55	
2/11/2022		16		19			46
2/14/2022			41				
8/17/2022							
8/18/2022				21			
8/19/2022		17	39				
8/22/2022					28		42
8/23/2022						52	
8/31/2022	1.2						
2/21/2023							
2/22/2023						41	38
2/23/2023	1.3	14	37	20	34		
8/1/2023							
8/2/2023				22			
8/7/2023		17			30	39	41
8/8/2023	1.5		39				
2/20/2024							42
2/21/2024					28		
2/23/2024				25			
2/26/2024	1.7	18					
2/27/2024			45			41	
7/31/2024							
8/1/2024	1.9	19	38	28			48
8/2/2024					31		
8/5/2024						40	
2/19/2025	1.9		37	31			
2/20/2025		16			25		
2/21/2025						37	43
7/23/2025	1.9						

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell
Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
7/24/2025							39
7/25/2025						34	
7/28/2025					23		
7/29/2025							
7/30/2025		16		34			
7/31/2025			29				

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
5/10/2016	1.9	2.77	1.94	1.98	1.51	3.45			
5/11/2016							1.93	9.29	2.44
5/12/2016									
5/13/2016									
6/23/2016	2.2		2.2	2.1	1.8				
6/24/2016						3.5	1.8		
6/27/2016		2.9							2.5
6/28/2016									
6/29/2016								9	
6/30/2016									
8/16/2016	2.1		2	1.8	1.5	3.4			
8/17/2016		2.4					1.4		2.4
8/18/2016									
8/19/2016									
8/22/2016								9.7	
10/13/2016	2		1.9						
10/14/2016		2.1		1.8	1.4	3.1			
10/17/2016							1.2		2.3
10/18/2016								9.4	
10/19/2016									
12/5/2016			1.9						
12/6/2016	2.2	1.7		1.8	1.5	3	1.3		2.3
12/7/2016								11	
12/8/2016									
2/14/2017	2	1.5	1.9	1.8	1.5	2.4	1.3		1.9
2/15/2017									
2/16/2017								9.5	
4/10/2017			1.8						
4/11/2017	1.8	1.7		1.7	1.3	2.5	1.2		
4/12/2017									1.6
4/13/2017								8.7	
6/26/2017	1.9		1.9	1.7	1.4	2.6	1.2		
6/27/2017		2.2						9.9	1.6
6/28/2017									
10/10/2017	1.8		1.8		1.3				
10/11/2017		1.7		1.6		2.4	1.1		1.6
10/12/2017								11	
6/5/2018	1.7	2	1.9	1.6	1.3				
6/6/2018						2	1.1	12	1.3
6/7/2018									
6/8/2018									
10/16/2018									
10/18/2018									
12/13/2018	1.7	1.9	2	1.7	1.3	2	1.2		
12/14/2018									1.8
12/17/2018								13	
1/2/2019									
3/28/2019		2.2		1.7		2	1.2		
3/29/2019	1.5		1.8		1.2				
4/1/2019								13	
4/2/2019									2
9/12/2019				1.5					

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
9/13/2019			1.7						
9/16/2019	1.8	1.9			1.3	2.2	1.2	14	1.9
9/17/2019									
9/18/2019									
3/17/2020		2.4		1.9	1.6	2.1			
3/18/2020	2		2.4				1.5		
3/23/2020									
3/24/2020									
3/25/2020								15	2.3
3/26/2020									
3/27/2020									
9/14/2020	2.1	2.7	2.5	1.9	1.5	2.5	1.5	19	2.8
9/15/2020									
3/30/2021	2.3		2.5		1.6				
3/31/2021				2.1		2.3	1.6	16	
4/1/2021									2.4
4/6/2021									
4/7/2021		2.3							
8/17/2021	1.9	2.6			1.6		1.6		
8/18/2021			2.7	2.2		2.4			2.5
8/19/2021								18	
8/20/2021									
2/9/2022	2	1.8		1.9	1.5	2.3	1.5		2.6
2/10/2022			2.4					15	
2/11/2022									
2/14/2022									
8/17/2022	2				1.5				
8/18/2022		1.9	3.1	2.1		2.4	1.6	17	
8/19/2022									2.6
8/22/2022									
8/23/2022									
8/31/2022									
2/21/2023	2			2		2.3			
2/22/2023					1.5		1.6	18	2.3
2/23/2023		1.9	3.3						
8/1/2023	2			1.9	1.4				2.2
8/2/2023									
8/7/2023						2.2	1.2	15	
8/8/2023		1.6	3						
2/20/2024	2.3				1.8		1.5		2.6
2/21/2024			3.6	2.3		2.6		19	
2/23/2024									
2/26/2024									
2/27/2024		2							
7/31/2024	2.5	1.9	3.4	2	1.7	2.3	1.3		
8/1/2024								17	2.5
8/2/2024									
8/5/2024									
2/19/2025		3.4	4.9				1.1	14	
2/20/2025	1.8			1.9	1.3	2			2.6
2/21/2025									
7/23/2025									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
7/24/2025	2.4				1.8	2.8	1.4		
7/25/2025									
7/28/2025			3.6						
7/29/2025									2.2
7/30/2025		2.6						27	
7/31/2025				2.1					

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
5/10/2016									
5/11/2016	12.6	9.04	9.65	8.87	9.53				
5/12/2016						10.8	9.63	7.93	9.11
5/13/2016									
6/23/2016									
6/24/2016									
6/27/2016	13		6.7						
6/28/2016		8.8		8.3	9.1				
6/29/2016						11	8.8	7.7	8.3
6/30/2016									
8/16/2016									
8/17/2016	14		6.4	8.6	9.4				
8/18/2016		9.3							8.8
8/19/2016							9.6		
8/22/2016						11		7.9	
10/13/2016									
10/14/2016									
10/17/2016	12	8.3		7.9	8.9				
10/18/2016			5.9			10	9.6	7.1	
10/19/2016									8.3
12/5/2016									
12/6/2016	12	8.9	5.9	7.9	8.9				
12/7/2016							9.7	7.7	8.4
12/8/2016						9.7			
2/14/2017	12		5.8						
2/15/2017		8.7		7.2	9		10		8.1
2/16/2017						9.8		7.4	
4/10/2017									
4/11/2017									
4/12/2017	11	8.6	5.6	7.5	8.5				
4/13/2017						10	9	7.4	7.9
6/26/2017									
6/27/2017	12	9.3	5.7	7.8	9.1				8.3
6/28/2017						12	9.6	8.1	
10/10/2017									
10/11/2017		8.8	5	7.4					
10/12/2017	11				8.5	11	9.3	8.1	8
6/5/2018									
6/6/2018	11	8.8	4.6	7.5	8.6				
6/7/2018						9.9	10	8.6	8
6/8/2018									
10/16/2018				7.8					
10/18/2018						11			
12/13/2018									
12/14/2018	11	9.1	4.2						8.1
12/17/2018					8.6		9.9	9.3	
1/2/2019									
3/28/2019									
3/29/2019									
4/1/2019	10	9	4.6	7.4	7.8				
4/2/2019						11	8.9	9.3	8.2
9/12/2019									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
9/13/2019									
9/16/2019		9.3		7.9					
9/17/2019	12		3.8		9.7	11		10	8.3
9/18/2019							9.7		
3/17/2020									
3/18/2020									
3/23/2020						10		11	
3/24/2020							9.1		7.8
3/25/2020	10			9	8.8				
3/26/2020		9.4	5.1						
3/27/2020									
9/14/2020	14	10	5.8	8.9	10				
9/15/2020						11	10	12	8.4
3/30/2021						9.9		13	
3/31/2021					9.2		11		
4/1/2021	12		6						9.2
4/6/2021									
4/7/2021		9		8.8					
8/17/2021									
8/18/2021	14		5				11	13	8.9
8/19/2021				9.9	9.3	10			
8/20/2021		9.9							
2/9/2022			4						
2/10/2022	12	10		8.8			12		
2/11/2022					11	9.6		11	8.4
2/14/2022									
8/17/2022									
8/18/2022	13	9.5	3.5	9.9					
8/19/2022					9.2				
8/22/2022						9.4	12	10	
8/23/2022									
8/31/2022									8
2/21/2023									
2/22/2023	18		3.6	9.9	9	8.8			8.1
2/23/2023		9.6					12	8.9	
8/1/2023									
8/2/2023				10					
8/7/2023		9.5			9.1	9.3			7.8
8/8/2023	24		3.4				12	7.7	
2/20/2024									
2/21/2024	27		3.9				14		
2/23/2024		10		12	10				
2/26/2024						11			9.2
2/27/2024								7.9	
7/31/2024			3.5						
8/1/2024	23	11		11					
8/2/2024						10	10	7.9 (J)	
8/5/2024					9.2				7.8
2/19/2025	18	12	4.6		9.6				20
2/20/2025				12		6.3 (J)		5.5	
2/21/2025							8		
7/23/2025									7.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell
Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
7/24/2025						8			
7/25/2025									
7/28/2025							6.9	5.3	
7/29/2025									
7/30/2025	16		3.2		9.3				
7/31/2025		8.7		11					

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
5/10/2016							
5/11/2016							
5/12/2016	8.56	9.47	11.1	6.29	10.6		
5/13/2016						4.87	8.16
6/23/2016							
6/24/2016							
6/27/2016							
6/28/2016	7.8	9.8	10	5.4			
6/29/2016					9.7		7.6
6/30/2016						4.7	
8/16/2016							
8/17/2016							
8/18/2016	8.5	10	11	5.8			
8/19/2016					11		
8/22/2016						5	8.2
10/13/2016							
10/14/2016							
10/17/2016			11	5.4			
10/18/2016	8	9.4			10		7.7
10/19/2016						5.1	
12/5/2016							
12/6/2016				5.6			
12/7/2016	8	9.8	11		10	5.6	
12/8/2016							7.8
2/14/2017							
2/15/2017		9.8	11	5.4			
2/16/2017	7.7				9.8	7.4	7.4
4/10/2017							
4/11/2017							
4/12/2017		9.2	10	5.6			
4/13/2017	7.5				9.6	8.9	7.5
6/26/2017							
6/27/2017	8	9.5	11	5.9			
6/28/2017					10	10	7.9
10/10/2017							
10/11/2017			10	5.7			
10/12/2017	7.6	9.2			9.7	7.4	7.4
6/5/2018							
6/6/2018							
6/7/2018	7.7	9.3	10	6.2	10		
6/8/2018						9	7.2
10/16/2018		10					
10/18/2018						16	
12/13/2018							
12/14/2018			10	7.5			
12/17/2018	8.1				10		7.3
1/2/2019						18	
3/28/2019							
3/29/2019							
4/1/2019		9.2	9.9	7.7			
4/2/2019	8.2				10	15	7.3
9/12/2019							

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
9/13/2019							
9/16/2019							
9/17/2019	8.4	10	11	8.4		13	7.4
9/18/2019					10		
3/17/2020							
3/18/2020							
3/23/2020							7.7
3/24/2020					10		
3/25/2020							
3/26/2020						12	
3/27/2020	8.5	10	11	9			
9/14/2020				11			
9/15/2020	8.6	10	11		11	11	7.7
3/30/2021						11	8.3
3/31/2021		11			11		
4/1/2021	9.2						
4/6/2021			11				
4/7/2021				10			
8/17/2021							
8/18/2021					11	15	
8/19/2021	9.5	11	11	12			9.4
8/20/2021							
2/9/2022							
2/10/2022	9.8				10	19	
2/11/2022		12		12			10
2/14/2022			14				
8/17/2022							
8/18/2022				12			
8/19/2022		11	13				
8/22/2022					11		9.6
8/23/2022						16	
8/31/2022	9.6						
2/21/2023							
2/22/2023						13	10
2/23/2023	9.8	11	12	11	11		
8/1/2023							
8/2/2023				13			
8/7/2023		12			11	10	9.9
8/8/2023	9.9		14				
2/20/2024							12
2/21/2024					12		
2/23/2024				15			
2/26/2024	11	15					
2/27/2024			15			9.7 (J)	
7/31/2024							
8/1/2024	9.8	14	15	16			1.2
8/2/2024					11		
8/5/2024						7.8	
2/19/2025	17		30	25			
2/20/2025		11			10		
2/21/2025						<50	12
7/23/2025	10						

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell
Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
7/24/2025							11
7/25/2025						7.2	
7/28/2025					9.3		
7/29/2025							
7/30/2025		14		19			
7/31/2025			17				

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-9	SGWA-4 (bg)	SGWC-8
5/10/2016	<0.2	0.0188 (J)	0.0537 (J)	0.0192 (J)	0.0648 (J)	0.041 (J)			
5/11/2016							0.076 (J)	0.108 (J)	0.362
5/12/2016									
5/13/2016									
6/23/2016	<0.2	<0.2	0.03 (J)		0.05 (J)				
6/24/2016				0.02 (J)				0.08 (J)	
6/27/2016						0.03 (J)			0.45
6/28/2016									
6/29/2016							0.13 (J)		
6/30/2016									
8/16/2016	<0.2	<0.2	<0.2	<0.2	<0.2				
8/17/2016						<0.2		<0.2	0.54
8/18/2016									
8/19/2016									
8/22/2016							<0.2		
10/13/2016	<0.2				<0.2				
10/14/2016		<0.2	<0.2	<0.2		<0.2			
10/17/2016								<0.2	0.51
10/18/2016							<0.2		
10/19/2016									
12/5/2016					<0.2				
12/6/2016	<0.2	<0.2	<0.2	<0.2		<0.2		0.091 (J)	0.58
12/7/2016							<0.2		
12/8/2016									
2/14/2017	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		0.1 (J)	0.39
2/15/2017									
2/16/2017							0.097 (J)		
4/10/2017					<0.2				
4/11/2017	<0.2	<0.2	<0.2	<0.2		<0.2		<0.2	
4/12/2017									0.41
4/13/2017							<0.2		
6/26/2017	<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	
6/27/2017						<0.2	<0.2		0.47
6/28/2017									
10/10/2017	<0.2		<0.2		<0.2				
10/11/2017		<0.2		<0.2		<0.2		<0.2	
10/12/2017							<0.2		0.47
3/26/2018	<0.2		<0.2	<0.2	<0.2				
3/27/2018		<0.2				<0.2		<0.2	0.4
3/28/2018							<0.2		
6/5/2018	<0.2	<0.2	<0.2		<0.2	<0.2			
6/6/2018				<0.2			<0.2	<0.2	0.4
6/7/2018									
6/8/2018									
10/5/2018	<0.2		<0.2	<0.2	<0.2				
10/8/2018		<0.2				<0.2		<0.2	
10/9/2018							<0.2		0.47
10/16/2018									
10/18/2018									
1/2/2019									
2/18/2019	<0.2		0.05 (J)					0.066 (J)	
2/19/2019		<0.2		<0.2	0.06 (J)	0.044 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-9	SGWA-4 (bg)	SGWC-8
2/20/2019							0.074 (J)		0.32
3/28/2019		<0.2		0.026 (J)		0.037 (J)		0.052 (J)	
3/29/2019	<0.2		0.053 (J)		0.056 (J)				
4/1/2019							0.041 (J)		0.21
4/2/2019									
9/12/2019		<0.2							
9/13/2019					0.049 (J)				
9/16/2019	<0.2		0.054 (J)	0.026 (J)		0.04 (J)	0.057 (J)	0.055 (J)	
9/17/2019									0.47
9/18/2019									
2/13/2020	<0.2		0.051 (J)		0.066 (J)				
2/17/2020		<0.2				0.041 (J)			
2/18/2020				<0.2				0.068 (J)	0.38
2/19/2020							0.061 (J)		
2/20/2020									
3/17/2020		0.03 (J)	0.038 (J)	0.029 (J)		0.041 (J)			
3/18/2020	<0.2				0.078 (J)			<0.2	
3/23/2020									
3/24/2020									
3/25/2020							0.079 (J)		0.31
3/26/2020									
3/27/2020									
9/14/2020	<0.2	<0.2	0.033 (J)	<0.2	0.038 (J)	0.028 (J)	0.037 (J)	0.035 (J)	0.29
9/15/2020									
2/9/2021	<0.2	<0.2	0.055 (J)	<0.2	0.059 (J)	0.037 (J)	0.05 (J)	0.059 (J)	0.37
2/10/2021									
3/30/2021	<0.2		0.048 (J)		0.052 (J)				
3/31/2021		<0.2		<0.2			0.073 (J)	0.051 (J)	
4/1/2021									0.38
4/6/2021									
4/7/2021						0.054 (J)			
8/17/2021	0.052 (J)		0.096 (J)			0.079 (J)		0.093 (J)	
8/18/2021		0.07 (J)		0.066 (J)	0.16				0.48
8/19/2021							0.078 (J)		
8/20/2021									
2/9/2022	0.034 (J)	0.044 (J)	0.11	0.049 (J)		0.069 (J)		0.083 (J)	
2/10/2022					0.061 (J)		0.098 (J)		0.44
2/11/2022									
2/14/2022									
8/17/2022	0.088 (J)		0.076 (J)						
8/18/2022		0.036 (J)		0.034 (J)	0.051 (J)	0.044 (J)	0.51	0.056 (J)	0.54
8/19/2022									
8/22/2022									
8/23/2022									
8/31/2022									
2/21/2023	0.048 (J)	0.039 (J)		0.041 (J)					
2/22/2023			0.07 (J)				0.076 (J)	0.6 (O)	0.52
2/23/2023					0.074 (J)	0.075 (J)			
8/1/2023	<0.2	<0.2	0.077 (J)						
8/2/2023									
8/7/2023				<0.2			0.11	0.07 (J)	
8/8/2023					0.077 (J)	0.048 (J)			0.78

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-24 (bg)	SGWA-25 (bg)	SGWC-9	SGWA-4 (bg)	SGWC-8
2/20/2024	<0.2		<0.2					<0.2	
2/21/2024		<0.2		<0.2	<0.2		<0.2		1.1 (J)
2/23/2024									
2/26/2024									
2/27/2024						<0.2			
7/31/2024	<0.2	<0.2	0.05 (J)	<0.2	0.06 (J)	<0.2		0.04 (J)	
8/1/2024							<0.2		0.64
8/2/2024									
8/5/2024									
2/19/2025					<0.2	<0.2	<0.2	<0.2	0.17 (J)
2/20/2025	<0.2	<0.2	<0.2	<0.2					
2/21/2025									
7/23/2025									
7/24/2025	<0.2		0.14 (J)	0.12 (J)				0.13 (J)	
7/25/2025									
7/28/2025					0.15 (J)				
7/29/2025									
7/30/2025						<0.2	0.13 (J)		0.47
7/31/2025		0.11 (J)							

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-10	SGWC-11	SGWC-7	SGWC-12	SGWC-6	SGWC-14	SGWC-20	SGWC-17	SGWC-21
5/10/2016									
5/11/2016	0.019 (J)	0.033 (J)	0.245 (J)	0.11 (J)	0.133 (J)				
5/12/2016						0.031 (J)	0.259 (J)	0.066 (J)	0.079 (J)
5/13/2016									
6/23/2016									
6/24/2016									
6/27/2016			0.23 (J)		0.21 (J)				
6/28/2016	<0.2	0.08 (J)		0.18 (J)		0.03 (J)			
6/29/2016							0.45	0.17 (J)	0.15 (J)
6/30/2016									
8/16/2016									
8/17/2016	<0.2	<0.2	0.22		0.14 (J)				
8/18/2016				0.12 (J)		<0.2		<0.2	
8/19/2016									
8/22/2016							0.33		0.083 (J)
10/13/2016									
10/14/2016									
10/17/2016	<0.2	<0.2		0.082 (J)	0.11 (J)	<0.2			
10/18/2016			0.24				0.26		<0.2
10/19/2016								<0.2	
12/5/2016									
12/6/2016	<0.2	<0.2	0.26	0.11 (J)	0.14 (J)				
12/7/2016						<0.2		<0.2	<0.2
12/8/2016							0.28		
2/14/2017			0.17 (J)		0.2				
2/15/2017	<0.2	<0.2		0.13 (J)		<0.2		0.089 (J)	
2/16/2017							0.28		0.12 (J)
4/10/2017									
4/11/2017									
4/12/2017	<0.2	<0.2	0.2	0.088 (J)	0.089 (J)	<0.2			
4/13/2017							0.2	<0.2	<0.2
6/26/2017									
6/27/2017	<0.2	<0.2	0.23	0.1 (J)	0.085 (J)	<0.2		<0.2	
6/28/2017							0.22		0.1 (J)
10/10/2017									
10/11/2017		<0.2	0.21	<0.2	0.089 (J)	<0.2			
10/12/2017	<0.2						0.18 (J)	<0.2	<0.2
3/26/2018									
3/27/2018	<0.2	<0.2	0.19 (J)	<0.2	<0.2	<0.2		<0.2	
3/28/2018							0.19 (J)		<0.2
6/5/2018									
6/6/2018	<0.2	<0.2	0.2	<0.2	<0.2				
6/7/2018						<0.2	0.21	<0.2	<0.2
6/8/2018									
10/5/2018									
10/8/2018				<0.2	<0.2	<0.2		<0.2	<0.2
10/9/2018	<0.2		0.2						
10/16/2018		<0.2							
10/18/2018							0.23		
1/2/2019									
2/18/2019									
2/19/2019									

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-10	SGWC-11	SGWC-7	SGWC-12	SGWC-6	SGWC-14	SGWC-20	SGWC-17	SGWC-21
2/20/2019	<0.2	<0.2	0.2	0.052 (J)	0.092 (J)	<0.2	0.2	0.034 (J)	0.051 (J)
3/28/2019									
3/29/2019									
4/1/2019	<0.2	<0.2	0.12 (J)	0.048 (J)		<0.2			
4/2/2019					0.1 (J)		0.15 (J)	0.045 (J)	0.066 (J)
9/12/2019									
9/13/2019									
9/16/2019		<0.2		0.065 (J)	0.099 (J)				
9/17/2019	<0.2		0.2			0.028 (J)	0.14	0.047 (J)	0.077 (J)
9/18/2019									
2/13/2020									
2/17/2020									
2/18/2020		<0.2	0.2		0.11		0.16		0.073 (J)
2/19/2020	<0.2			0.064 (J)		0.026 (J)		0.046 (J)	
2/20/2020									
3/17/2020									
3/18/2020									
3/23/2020							0.25		0.11
3/24/2020								0.058 (J)	
3/25/2020	0.031 (J)	0.058 (J)			0.13				
3/26/2020			0.14	0.081 (J)					
3/27/2020						0.041 (J)			
9/14/2020	<0.2	<0.2	0.11	0.042 (J)	0.076 (J)				
9/15/2020						0.04 (J)	0.15	0.052 (J)	0.061 (J)
2/9/2021	<0.2	<0.2	0.22	0.074 (J)	0.12	<0.2			
2/10/2021							0.19	0.03 (J)	0.049 (J)
3/30/2021							0.18		0.074 (J)
3/31/2021	0.047 (J)								
4/1/2021			0.25		0.14			0.051 (J)	
4/6/2021						<0.2			
4/7/2021		<0.2		0.066 (J)					
8/17/2021									
8/18/2021			0.31		0.19			0.087 (J)	0.12
8/19/2021	<0.2	<0.2				<0.2	0.17		
8/20/2021				0.082 (J)					
2/9/2022			0.27		0.19				
2/10/2022		<0.2		0.06 (J)					
2/11/2022	0.03 (J)						0.14	0.064 (J)	0.092 (J)
2/14/2022						0.035 (J)			
8/17/2022									
8/18/2022		0.034 (J)	0.14	0.052 (J)					
8/19/2022	<0.2				0.12	<0.2			
8/22/2022							0.22		0.09 (J)
8/23/2022									
8/31/2022								0.058 (J)	
2/21/2023									
2/22/2023	0.045 (J)	0.063 (J)	0.16		0.11		0.13	0.06 (J)	
2/23/2023				0.089 (J)		0.068 (J)			0.087 (J)
8/1/2023					0.13				
8/2/2023		<0.2							
8/7/2023	<0.2			0.078 (J)			0.18	0.076 (J)	
8/8/2023			0.21			<0.2			0.097 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-10	SGWC-11	SGWC-7	SGWC-12	SGWC-6	SGWC-14	SGWC-20	SGWC-17	SGWC-21
2/20/2024					<0.2				
2/21/2024			<0.2						
2/23/2024	<0.2	<0.2		<0.2					
2/26/2024							<0.2	<0.2	
2/27/2024						<0.2			<0.2
7/31/2024			0.17						
8/1/2024		<0.2		<0.2	0.11	<0.2			
8/2/2024							<0.2		<0.2
8/5/2024	<0.2							<0.2	
2/19/2025	<0.2		0.23	<0.2		<0.2		<0.2	
2/20/2025		<0.2			<0.2		<0.2		<0.2
2/21/2025									
7/23/2025								0.14 (J)	
7/24/2025							0.2		
7/25/2025									
7/28/2025									0.11 (J)
7/29/2025					0.19 (J)				
7/30/2025	0.15 (J)		0.25						
7/31/2025		0.12 (J)		0.16 (J)		0.13 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-23	SGWC-15	SGWC-13	SGWC-16	SGWC-22	SGWC-18	SGWC-19
5/10/2016							
5/11/2016							
5/12/2016	0.0341 (J)	0.1071 (J)	0.042 (J)	0.011 (J)	0.029 (J)		
5/13/2016						0.0343 (J)	0.0126 (J)
6/23/2016							
6/24/2016							
6/27/2016							
6/28/2016		0.26 (J)	0.15 (J)	0.09 (J)			
6/29/2016	0.04 (J)				0.04 (J)		0.18 (J)
6/30/2016						0.18 (J)	
8/16/2016							
8/17/2016							
8/18/2016		0.14 (J)	<0.2	<0.2			
8/19/2016	<0.2				<0.2		
8/22/2016						<0.2	<0.2
10/13/2016							
10/14/2016							
10/17/2016			<0.2				
10/18/2016	<0.2	0.12 (J)		<0.2	<0.2		<0.2
10/19/2016						<0.2	
12/5/2016							
12/6/2016			<0.2				
12/7/2016	<0.2	0.13 (J)		<0.2	<0.2	<0.2	
12/8/2016							<0.2
2/14/2017							
2/15/2017	0.092 (J)	0.12 (J)	<0.2				
2/16/2017				<0.2	0.1 (J)	<0.2	<0.2
4/10/2017							
4/11/2017							
4/12/2017		0.11 (J)	<0.2				
4/13/2017	<0.2			<0.2	<0.2	<0.2	<0.2
6/26/2017							
6/27/2017		0.13 (J)	<0.2	<0.2			
6/28/2017	<0.2				<0.2	<0.2	<0.2
10/10/2017							
10/11/2017			<0.2				
10/12/2017	<0.2	0.13 (J)		<0.2	<0.2	<0.2	<0.2
3/26/2018							
3/27/2018	<0.2	0.12 (J)	<0.2	<0.2			
3/28/2018					<0.2	<0.2	<0.2
6/5/2018							
6/6/2018							
6/7/2018	<0.2	0.14 (J)	<0.2	<0.2	<0.2		
6/8/2018						<0.2	<0.2
10/5/2018							
10/8/2018	<0.2		<0.2	<0.2	<0.2		
10/9/2018							<0.2
10/16/2018		0.14 (J)					
10/18/2018						<0.2	
1/2/2019						<0.2	
2/18/2019							
2/19/2019	0.055 (J)				<0.2		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-23	SGWC-15	SGWC-13	SGWC-16	SGWC-22	SGWC-18	SGWC-19
2/20/2019		0.33	<0.2	<0.2		<0.2	<0.2
3/28/2019							
3/29/2019							
4/1/2019		0.072 (J)	<0.2				
4/2/2019	0.036 (J)			<0.2	<0.2	0.05 (J)	<0.2
9/12/2019							
9/13/2019							
9/16/2019							
9/17/2019		0.1	0.04 (J)	<0.2		0.034 (J)	<0.2
9/18/2019	0.044 (J)				0.028 (J)		
2/13/2020							
2/17/2020							
2/18/2020	0.082 (J)				<0.2		
2/19/2020		0.13	0.027 (J)	<0.2			<0.2
2/20/2020						<0.2	
3/17/2020							
3/18/2020							
3/23/2020							0.057 (J)
3/24/2020	0.081 (J)				<0.2		
3/25/2020							
3/26/2020						0.091 (J)	
3/27/2020		0.13	0.045 (J)	0.027 (J)			
9/14/2020			<0.2				
9/15/2020	0.052 (J)	0.15		0.037 (J)	<0.2	<0.2	<0.2
2/9/2021		0.14	<0.2	<0.2			
2/10/2021	0.046 (J)				<0.2	<0.2	<0.2
3/30/2021						0.1 (J)	<0.2
3/31/2021	0.046 (J)	0.12			<0.2		
4/1/2021				<0.2			
4/6/2021							
4/7/2021			0.053 (J)				
8/17/2021							
8/18/2021	0.11				0.054 (J)	0.099 (J)	
8/19/2021		0.12	<0.2	0.038 (J)			<0.2
8/20/2021							
2/9/2022							
2/10/2022	0.066 (J)			<0.2	<0.2	0.039 (J)	
2/11/2022		0.14	0.045 (J)				<0.2
2/14/2022							
8/17/2022							
8/18/2022			0.038 (J)				
8/19/2022		0.11					
8/22/2022	0.052 (J)				0.038 (J)		0.041 (J)
8/23/2022						0.1 (J)	
8/31/2022				0.058 (J)			
2/21/2023							
2/22/2023						0.061 (J)	0.046 (J)
2/23/2023	0.089 (J)	0.11	0.077 (J)	0.045 (J)	0.075 (J)		
8/1/2023							
8/2/2023			<0.2				
8/7/2023		0.13			0.04 (J)	0.043 (J)	<0.2
8/8/2023	0.077 (J)			<0.2			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-23	SGWC-15	SGWC-13	SGWC-16	SGWC-22	SGWC-18	SGWC-19
2/20/2024							<0.2
2/21/2024	<0.2				<0.2		
2/23/2024			<0.2				
2/26/2024		<0.2		<0.2			
2/27/2024						<0.2	
7/31/2024							
8/1/2024		<0.2	<0.2	<0.2			<0.2
8/2/2024	0.082 (J)				<0.2		
8/5/2024						<0.2	
2/19/2025			<0.2	<0.2			
2/20/2025		<0.2			<0.2		
2/21/2025	<0.2					<0.2	<0.2
7/23/2025				0.14 (J)			
7/24/2025							0.082 (J)
7/25/2025						0.13 (J)	
7/28/2025	0.19 (J)				0.082 (J)		
7/29/2025							
7/30/2025		0.18 (J)	0.083 (J)				
7/31/2025							

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-3 (bg)	SGWA-25 (bg)	SGWA-2 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWC-10	SGWA-4 (bg)	SGWC-9
5/10/2016	5.51	5.75	6.14	6.83	5.84	6.34			
5/11/2016							5.7	6.49	6.24
5/12/2016									
5/13/2016									
6/23/2016	5.5			6.82	5.71	6.33			
6/24/2016		5.78	6.14					6.48	
6/27/2016			6.08						6.15
6/28/2016							5.67		
6/29/2016									6.18
6/30/2016									
8/16/2016	5.42	5.72		6.73	5.64	6.35			
8/17/2016			6.1				5.55	6.42	
8/18/2016									
8/19/2016									
8/22/2016									6.15
10/13/2016	5.52					6.34			
10/14/2016		5.71	6.14	6.74	5.59				
10/17/2016							5.45	6.44	
10/18/2016									6.11
10/19/2016									
12/5/2016						6.32			
12/6/2016	5.33	5.68	6.19	6.74	5.46		5.49	6.48	
12/7/2016									6.14
12/8/2016									
2/14/2017	5.29	5.57	6.34	6.85	5.29	6.33		6.18	
2/15/2017							5.29		
2/16/2017									5.95
4/10/2017						6.31			
4/11/2017	5.21	5.7	6.16	6.75	5.54			6.49	
4/12/2017							5.39		
4/13/2017									6.09
6/26/2017	5.25	5.68		6.82	5.54	6.35		6.48	
6/27/2017			6.08						6.09
6/28/2017									
10/10/2017	5.49			6.87		6.37			
10/11/2017		5.63	6.16		5.43			6.42	
10/12/2017							5.3		6.16
3/26/2018	5.39	5.89		6.77		6.32			
3/27/2018			6.12		5.52		5.58	6.53	
3/28/2018									6.3
6/5/2018	5.38		6.06	6.73	5.59	6.27			
6/6/2018		5.62					5.43	6.7	6.12
6/7/2018									
6/8/2018									
10/5/2018	5.46	5.76		6.81	5.7	6.37			
10/8/2018			6.16		5.59			6.53	
10/9/2018							5.29		6.06
10/16/2018									
10/17/2018									
10/18/2018									
2/18/2019	5.43			6.74				6.28	
2/19/2019		5.69	6.03		5.67	6.29			

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-3 (bg)	SGWA-25 (bg)	SGWA-2 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWC-10	SGWA-4 (bg)	SGWC-9
2/20/2019							5.43		
2/21/2019									6.1
3/28/2019		5.88	6.15		5.67			6.53	
3/29/2019	5.22			6.81		6.31			
4/1/2019							5.46		6.11
4/2/2019									
9/12/2019					5.59				
9/13/2019						6.36			
9/16/2019	5.22	5.8	6.01	6.82				6.44	6.11
9/17/2019							5.31		
9/18/2019									
2/13/2020	5.09			6.59		6.24			
2/17/2020			6.1		5.73				
2/18/2020		5.76						6.38	
2/19/2020							5.07		6.03
2/20/2020									
3/17/2020		5.87	6.02	6.83	5.62				
3/18/2020	5.37					6.4		6.36	
3/23/2020									
3/24/2020									
3/25/2020							5.26		6.01
3/26/2020									
3/27/2020									
5/19/2020	5.37	5.8	6.03	6.8	5.61	6.37		6.38	
9/14/2020	5.11	5.84	5.98	6.73	5.82	6.52	5.51	6.4	6.33
9/15/2020									
2/9/2021	5.25	5.8	6.06	6.75	5.53	6.4	5.23	6.38	6.21
2/10/2021									
3/30/2021	5.28			6.73		6.27			
3/31/2021		5.72			5.5		5.3	6.33	6.2
4/1/2021									
4/6/2021									
4/7/2021			6.12						
8/17/2021	5.26		6.08	6.84				6.41	
8/18/2021		5.85			5.51	6.45			
8/19/2021							5.21		6.22
8/20/2021									
2/9/2022	5.28	5.84	6.17	7.01	5.56			6.38	
2/10/2022						6.38			6.25
2/11/2022							5.13		
2/14/2022									
8/17/2022	5.16			6.79					
8/18/2022		5.64	6.03		5.43	6.32		6.35	6.52
8/19/2022							5.22		
8/22/2022									
8/23/2022									
8/31/2022									
10/25/2022									
10/31/2022									
11/16/2022									
2/21/2023	5.28	5.82			5.6				
2/22/2023				6.85			5.23	6.36	6.14

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-3 (bg)	SGWA-25 (bg)	SGWA-2 (bg)	SGWA-5 (bg)	SGWA-24 (bg)	SGWC-10	SGWA-4 (bg)	SGWC-9
2/23/2023			6.04			6.33			
8/1/2023	5.3			6.77	5.48				
8/2/2023									
8/7/2023		5.84					5.2	6.39	6.29
8/8/2023			6.06			6.35			
2/20/2024	5.44			6.99				6.27	
2/21/2024		5.96			5.63	6.31			6.17
2/23/2024							5.18		
2/26/2024									
2/27/2024			6.7						
7/31/2024	5.3	5.83	5.93	6.77	5.49	6.27		6.29	
8/1/2024									6.18
8/2/2024									
8/5/2024							5.17		
2/19/2025			6.18			6.5	5.32	6.33	6.21
2/20/2025	5.44	5.89		6.95	5.48				
2/21/2025									
7/23/2025									
7/24/2025	5.36	5.95		6.77				6.27	
7/25/2025									
7/28/2025						6.22			
7/29/2025									
7/30/2025			5.9				5.28		6.11
7/31/2025					5.49				

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-12	SGWC-6	SGWC-8	SGWC-11	SGWC-7	SGWC-20	SGWC-17	SGWC-21	SGWC-22
5/10/2016									
5/11/2016	6.28	6.39	6.35	5.84	6.66				
5/12/2016						4.36	6.21	5.95	5.68
5/13/2016									
6/23/2016									
6/24/2016									
6/27/2016		6.3	6.41		6.73				
6/28/2016	6.26			5.77					
6/29/2016						4.3	6.21	5.96	5.68
6/30/2016									
8/16/2016									
8/17/2016		6.28	6.45	5.71	6.55				
8/18/2016	6.23						6.24		
8/19/2016									5.65
8/22/2016						4.37		5.96	
10/13/2016									
10/14/2016									
10/17/2016	6.27	6.3	6.43	5.69					
10/18/2016					6.59	4.26	6.18	5.9	5.71
10/19/2016							6.2		
12/5/2016									
12/6/2016	6.28	6.3	6.48	5.58	6.51				
12/7/2016							6.19	6.03	5.71
12/8/2016						4.28			
2/14/2017		6.31	6.39		6.3				
2/15/2017	6.21			5.54			6.25		
2/16/2017						4.29		6.03	5.7
4/10/2017									
4/11/2017									
4/12/2017	6.15	6.23	6.35	5.47	6.43				
4/13/2017						4.24	6.21	5.93	5.7
6/26/2017									
6/27/2017	6.23	6.23	6.41	5.47	6.56		6.27		
6/28/2017						4.28		6	5.66
10/10/2017									
10/11/2017	6.26	6.09		5.58	6.4				
10/12/2017			6.41			4.32	6.33	6.09	5.73
3/26/2018									
3/27/2018	6.32	6.2	6.66	5.65	6.6		6.26		
3/28/2018						4.25		6.08	5.89
6/5/2018									
6/6/2018	6.1	5.99	6.42	5.32	6.56				
6/7/2018						4.26	6.21	6.1	5.66
6/8/2018									
10/5/2018									
10/8/2018	6.16	6.3					6.17	6.14	5.74
10/9/2018			6.51		6.56				
10/16/2018				5.34					
10/17/2018				5.35					
10/18/2018						4.3			
2/18/2019									
2/19/2019									5.69

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-12	SGWC-6	SGWC-8	SGWC-11	SGWC-7	SGWC-20	SGWC-17	SGWC-21	SGWC-22
2/20/2019	6.07	6.34	6.4	5.22	6.4	4.26	6.26		
2/21/2019								6.08	
3/28/2019									
3/29/2019									
4/1/2019	6.14		6.41	5.24	6.57				
4/2/2019		6.25				4.33	6.26	6.09	5.65
9/12/2019									
9/13/2019									
9/16/2019	6.18	6.26		5.3					
9/17/2019			6.5		6.41	4.37	6.23	6.27	
9/18/2019									5.66
2/13/2020									
2/17/2020									
2/18/2020		6.32	6.39	5.09	6.35	4.3		6.06	5.59
2/19/2020	6.07						6.16		
2/20/2020									
3/17/2020									
3/18/2020									
3/23/2020						4.19		6.12	
3/24/2020							6.21		5.62
3/25/2020		6.31	6.35	5.16					
3/26/2020	6.1				6.52				
3/27/2020									
5/19/2020									
9/14/2020	6.11	6.29	6.56	5.14	6.31				
9/15/2020						4.3	6.42	6.1	5.65
2/9/2021	6.13	6.34	6.35	5.24	6.42				
2/10/2021						4.22	6.23	6.21	5.58
3/30/2021						4.32		6.17	
3/31/2021									5.73
4/1/2021		6.31	6.32		6.44		6.25		
4/6/2021									
4/7/2021	6.44			5.18					
8/17/2021									
8/18/2021		6.33	6.48		6.61		6.26	6.26	5.76
8/19/2021				5.23		4.28			
8/20/2021	6.13								
2/9/2022		6.33			6.77				
2/10/2022	6.19		6.47	5.11					5.78
2/11/2022						4.25	6.39	6.31	
2/14/2022									
8/17/2022									
8/18/2022	6.12		6.8	5.06	6.77				
8/19/2022		6.24							
8/22/2022						4.3		6.17	5.62
8/23/2022									
8/31/2022							6.26		
10/25/2022							6.27		
10/31/2022						4.32		6.29	5.72
11/16/2022							6.23		
2/21/2023									
2/22/2023		6.28	6.51	5.1	6.51	4.38	6.23		

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-12	SGWC-6	SGWC-8	SGWC-11	SGWC-7	SGWC-20	SGWC-17	SGWC-21	SGWC-22
2/23/2023	6.04							6.19	5.72
8/1/2023		6.21							
8/2/2023				5.09					
8/7/2023	5.83					4.29	6.25		5.7
8/8/2023			6.66		6.48			6.29	
2/20/2024		6.36							
2/21/2024			6.67		6.52				5.71
2/23/2024	6.11			5.07					
2/26/2024						4.15	6.28		
2/27/2024								6.29	
7/31/2024					6.39				
8/1/2024	5.97	6.18	6.57	5.03					
8/2/2024						4.26		6.2	5.69
8/5/2024							6.12		
2/19/2025	6.22		6.65		6.51		6.28		
2/20/2025		6.3		5.38		4.17		6.44	5.7
2/21/2025									
7/23/2025							6.11		
7/24/2025						4.28			
7/25/2025									
7/28/2025								6.19	5.63
7/29/2025		6.09							
7/30/2025			6.49		6.37				
7/31/2025	6.18			5.08					

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-23	SGWC-16	SGWC-15	SGWC-13	SGWC-14	SGWC-18	SGWC-19
5/10/2016							
5/11/2016							
5/12/2016	6.18	5.29	4.76	6.09	5.79		
5/13/2016						4.7	5.55
6/23/2016							
6/24/2016							
6/27/2016							
6/28/2016		5.3	4.69	6.07	5.77		
6/29/2016	5.88						5.5
6/30/2016						4.69	
8/16/2016							
8/17/2016							
8/18/2016		5.3	4.73	6	5.75		
8/19/2016	5.84						
8/22/2016						4.68	5.5
10/13/2016							
10/14/2016							
10/17/2016				6.01	5.73		
10/18/2016	5.89	5.23	4.62				5.46
10/19/2016						4.65	
12/5/2016							
12/6/2016				5.98			
12/7/2016	5.87	5.31	4.63		5.75	4.69	
12/8/2016							5.39
2/14/2017							
2/15/2017	6.04		4.51	5.74	5.58		
2/16/2017		4.77				4.77	5.32
4/10/2017							
4/11/2017							
4/12/2017			4.67	6.01	5.85		
4/13/2017	5.85	5.28				4.79	5.47
6/26/2017							
6/27/2017		5.22	4.66	6.05	5.86		
6/28/2017	5.9					4.78	5.5
10/10/2017							
10/11/2017				6.14	5.98		
10/12/2017	6.07	5.43	4.76			4.86	5.57
3/26/2018							
3/27/2018	5.99	5.28	4.61	6.25	5.87		
3/28/2018						4.74	5.74
6/5/2018							
6/6/2018							
6/7/2018	5.97	5.26	4.62	5.93	5.81		
6/8/2018						4.69	5.52
10/5/2018							
10/8/2018	5.94	5.29		6.02	5.83		
10/9/2018							5.51
10/16/2018			4.59				
10/17/2018			4.67				
10/18/2018						4.7	
2/18/2019							
2/19/2019	5.9						

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-23	SGWC-16	SGWC-15	SGWC-13	SGWC-14	SGWC-18	SGWC-19
2/20/2019		5.23	4.62	5.97		4.76	5.58
2/21/2019					5.65		
3/28/2019							
3/29/2019							
4/1/2019			4.72	6.06	5.89		
4/2/2019	5.87	5.27				4.72	5.5
9/12/2019							
9/13/2019							
9/16/2019							
9/17/2019		5.26	4.65	5.98	5.78	4.77	5.55
9/18/2019	5.97						
2/13/2020							
2/17/2020							
2/18/2020	5.95						
2/19/2020		5.16	4.58	5.94	5.75		5.53
2/20/2020						4.64	
3/17/2020							
3/18/2020							
3/23/2020							5.51
3/24/2020	6						
3/25/2020							
3/26/2020						4.74	
3/27/2020		5.17	4.51	5.89	5.74		
5/19/2020							
9/14/2020				6			
9/15/2020	5.89	5.56	4.87		6.01	4.94	5.51
2/9/2021		5.22	4.63	5.98	5.85		
2/10/2021	5.85					4.8	5.55
3/30/2021						4.82	5.57
3/31/2021	5.93		4.77				
4/1/2021		5.24					
4/6/2021					5.84		
4/7/2021				6.07			
8/17/2021							
8/18/2021	6.01					4.83	
8/19/2021		5.28	4.63	5.99	5.86		5.61
8/20/2021							
2/9/2022							
2/10/2022	6.13	5.21				4.86	
2/11/2022			4.59	6.02			5.65
2/14/2022					5.77		
8/17/2022							
8/18/2022				5.78			
8/19/2022			4.61		5.62		
8/22/2022	5.91						5.54
8/23/2022						4.8	
8/31/2022		5.1					
10/25/2022		5.23					
10/31/2022	6					4.89	5.53
11/16/2022		5.17					
2/21/2023							
2/22/2023						5	5.53

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-23	SGWC-16	SGWC-15	SGWC-13	SGWC-14	SGWC-18	SGWC-19
2/23/2023	6	5.13	4.59	5.94	5.72		
8/1/2023							
8/2/2023				5.92			
8/7/2023			4.55			4.83	5.45
8/8/2023	5.92	5.15			5.73		
2/20/2024							5.61
2/21/2024	6.02						
2/23/2024				6.03			
2/26/2024		5.13	4.6				
2/27/2024					5.84	4.62	
7/31/2024							
8/1/2024		4.91	4.68	5.84	5.56		5.26
8/2/2024	5.96						
8/5/2024						4.85	
2/19/2025		5.1		6.06	5.79		
2/20/2025			4.55				
2/21/2025	5.93					4.78	5.59
7/23/2025		5.02					
7/24/2025							5.4
7/25/2025						4.86	
7/28/2025	5.88						
7/29/2025							
7/30/2025			4.52	5.78			
7/31/2025					5.44		

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
5/10/2016	0.6766 (J)	0.686 (J)	<1	0.4716 (J)	0.4053 (J)	2.82			
5/11/2016							3.75	313	0.866 (J)
5/12/2016									
5/13/2016									
6/23/2016	0.94 (J)		0.3 (J)	0.46 (J)	0.55 (J)				
6/24/2016						2.3	3		
6/27/2016		0.61 (J)							0.86 (J)
6/28/2016									
6/29/2016								280	
6/30/2016									
8/16/2016	1.2		<1	<1	<1	1.5			
8/17/2016		<1					1.8		<1
8/18/2016									
8/19/2016									
8/22/2016								300	
10/13/2016	2.9		<1						
10/14/2016		<1		<1	<1	1.2			
10/17/2016							1.4		<1
10/18/2016								280	
10/19/2016									
12/5/2016			<1						
12/6/2016	3.2	<1		<1	<1	1.3	1.4		<1
12/7/2016								280	
12/8/2016									
2/14/2017	0.76 (J)	<1	<1	<1	<1	1.9	1.1		1
2/15/2017									
2/16/2017								300	
4/10/2017			<1						
4/11/2017	<1	<1		<1	<1	1.3	1		
4/12/2017									<1
4/13/2017								280	
6/26/2017	0.74 (J)		<1	<1	<1	1.5	0.99 (J)		
6/27/2017		<1						340	<1
6/28/2017									
10/10/2017	0.76 (J)		<1		<1				
10/11/2017		<1		<1		0.98 (J)	0.93 (J)		<1
10/12/2017								310	
6/5/2018	<1	<1	<1	<1	<1				
6/6/2018						1.8	0.89 (J)	320	<1
6/7/2018									
6/8/2018									
10/16/2018									
10/18/2018									
12/13/2018	<1	<1	<1	<1	<1	1.4	0.76 (J)		
12/14/2018									<1
12/17/2018								330	
1/2/2019									
3/28/2019		<1		<1		1.9	1.2		
3/29/2019	<1		<1		0.65 (J)				
4/1/2019								310	
4/2/2019									1.3
9/12/2019				<1					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
9/13/2019			<1						
9/16/2019	0.98 (J)	<1			0.68 (J)	0.92 (J)	1.1	310	0.53 (J)
9/17/2019									
9/18/2019									
3/17/2020		0.61 (J)		0.55 (J)	0.78 (J)	1.6			
3/18/2020	1.2		0.45 (J)				1.3		
3/23/2020									
3/24/2020									
3/25/2020								300	0.58 (J)
3/26/2020									
3/27/2020									
9/14/2020	0.58 (J)	<1	<1	<1	<1	0.82 (J)	0.96 (J)	220	0.46 (J)
9/15/2020									
3/30/2021	1.2		<1		<1				
3/31/2021				<1		1.1	1.1	240	
4/1/2021									<1
4/6/2021									
4/7/2021		<1							
8/17/2021	<1	<1			<1		1.1		
8/18/2021			1	<1		0.9 (J)			<1
8/19/2021								160	
8/20/2021									
2/9/2022	1	<1		<1	1.2	1.3	1.1		0.88 (J)
2/10/2022			<1					190	
2/11/2022									
2/14/2022									
8/17/2022	0.94 (J)				0.87 (J)				
8/18/2022		<1	<1	<1		<1	<1	200	
8/19/2022									<1
8/22/2022									
8/23/2022									
8/31/2022									
2/21/2023	1.3			1.2		1.6			
2/22/2023					1.4		1.4	200	1.4
2/23/2023		1.3	1.6						
8/1/2023	0.48 (J)			<1	0.48 (J)				0.4 (J)
8/2/2023									
8/7/2023						0.64 (J)	0.53 (J)	200	
8/8/2023		<1	<1						
2/20/2024	0.88 (J)				0.9 (J)		<1		1.5
2/21/2024			<1	<1		0.69 (J)		200	
2/23/2024									
2/26/2024									
2/27/2024		0.55 (J)							
7/31/2024	0.52 (J)	<1	<1	<1	0.45 (J)	0.67 (J)	0.46 (J)		
8/1/2024								160	<1
8/2/2024									
8/5/2024									
2/19/2025		<1	<1				0.51 (J)	120	
2/20/2025	0.5 (J)			<1	<1	0.59 (J)			<1
2/21/2025									
7/23/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
7/24/2025	1.3				1.5	1.3	1.1		
7/25/2025									
7/28/2025			<1						
7/29/2025									<1
7/30/2025		<1						190	
7/31/2025				<1					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
5/10/2016									
5/11/2016	61.6	30.1	21.6	6.31	7.43				
5/12/2016						255	131	76.9	125
5/13/2016									
6/23/2016									
6/24/2016									
6/27/2016	64		17						
6/28/2016		25		3.7	6.3				
6/29/2016						270	120	78	120
6/30/2016									
8/16/2016									
8/17/2016	63		19	2.4	11				
8/18/2016		24							130
8/19/2016							120		
8/22/2016						270		78	
10/13/2016									
10/14/2016									
10/17/2016	64	23		2.1	4.4				
10/18/2016			17			240	130	70	
10/19/2016									140
12/5/2016									
12/6/2016	72	28	18	1.9	11				
12/7/2016							140	80	160
12/8/2016						240			
2/14/2017	73		21						
2/15/2017		33		1.2	1.3		120		160
2/16/2017						230		77	
4/10/2017									
4/11/2017									
4/12/2017	64	30	18	1	2.8				
4/13/2017						220	100	70	140
6/26/2017									
6/27/2017	77	33	19	1.2	8.2				160
6/28/2017						240	120	82	
10/10/2017									
10/11/2017		33	15	0.82 (J)					
10/12/2017	74				1.3	210	120	76	170
6/5/2018									
6/6/2018	74	41	14	0.89 (J)	2.9				
6/7/2018						210	100	79	170
6/8/2018									
10/16/2018				1.3					
10/18/2018						210			
12/13/2018									
12/14/2018	72	43	10						180
12/17/2018					16		96	88	
1/2/2019									
3/28/2019									
3/29/2019									
4/1/2019	67	48	16	0.81 (J)	21				
4/2/2019						220	95	92	180
9/12/2019									

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
9/13/2019									
9/16/2019		44		0.72 (J)					
9/17/2019	77		8.7		2.3	220		99	200
9/18/2019							95		
3/17/2020									
3/18/2020									
3/23/2020						220		120	
3/24/2020							71		190
3/25/2020	62			0.58 (J)	14				
3/26/2020		44	15						
3/27/2020									
9/14/2020	81	41	17	0.59 (J)	2.2				
9/15/2020						200	72	130	190
3/30/2021						220		140	
3/31/2021					15		75		
4/1/2021	74		18						210
4/6/2021									
4/7/2021		54		1.3					
8/17/2021									
8/18/2021	78		12				66	130	200
8/19/2021				<1	2.2	230			
8/20/2021		60							
2/9/2022			7.1						
2/10/2022	80	41		<1			73		
2/11/2022					2.1	230		120	190
2/14/2022									
8/17/2022									
8/18/2022	78	50	5.3	<1					
8/19/2022					4.5				
8/22/2022						220	61	130	
8/23/2022									
8/31/2022									220
2/21/2023									
2/22/2023	52		6.7	3.1	18	230			230
2/23/2023		57					64	120	
8/1/2023									
8/2/2023				4.8					
8/7/2023		54			7.1	240			240
8/8/2023	41		4.5				55	110	
2/20/2024									
2/21/2024	44		5.2				64		
2/23/2024		61		8	9.1				
2/26/2024						280			270
2/27/2024								130	
7/31/2024			4.8						
8/1/2024	29	59		13					
8/2/2024						260	45	100	
8/5/2024					23				290
2/19/2025	37	83	4.8		36				340
2/20/2025				31		280		120	
2/21/2025							52		
7/23/2025									360

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
7/24/2025						270			
7/25/2025									
7/28/2025							36	120	
7/29/2025									
7/30/2025	37		4.4		49				
7/31/2025		86		28					

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
5/10/2016							
5/11/2016							
5/12/2016	9.9	194	194	89.7	85.3		
5/13/2016						484	212
6/23/2016							
6/24/2016							
6/27/2016							
6/28/2016	11	200	200	76			
6/29/2016					84		220
6/30/2016						490	
8/16/2016							
8/17/2016							
8/18/2016	14	190	180	78			
8/19/2016					81		
8/22/2016						500	220
10/13/2016							
10/14/2016							
10/17/2016			190	73			
10/18/2016	15	190			83		210
10/19/2016						520	
12/5/2016							
12/6/2016				76			
12/7/2016	17	200	200		85	510	
12/8/2016							220
2/14/2017							
2/15/2017		190	190	73			
2/16/2017	17				83	450	210
4/10/2017							
4/11/2017							
4/12/2017		170	170	70			
4/13/2017	15				79	380	190
6/26/2017							
6/27/2017	19	200	200	78			
6/28/2017					90	390	220
10/10/2017							
10/11/2017			190	72			
10/12/2017	20	190			87	430	210
6/5/2018							
6/6/2018							
6/7/2018	25	190	190	69	94		
6/8/2018						870	220
10/16/2018		200					
10/18/2018						1200	
12/13/2018							
12/14/2018			190	74			
12/17/2018	28				99		270
1/2/2019						1100	
3/28/2019							
3/29/2019							
4/1/2019		190	180	82			
4/2/2019	31				100	1100	240
9/12/2019							

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
9/13/2019							
9/16/2019							
9/17/2019	33	220	200	79		1100	260
9/18/2019					100		
3/17/2020							
3/18/2020							
3/23/2020							250
3/24/2020					100		
3/25/2020							
3/26/2020						1000	
3/27/2020	35	190	180	81			
9/14/2020				89			
9/15/2020	36	190	180		110	860	250
3/30/2021						960	270
3/31/2021		200			120		
4/1/2021	37						
4/6/2021			190				
4/7/2021				96			
8/17/2021							
8/18/2021					110	940	
8/19/2021	38	200	190	82			280
8/20/2021							
2/9/2022							
2/10/2022	45				100	890	
2/11/2022		200		94			260
2/14/2022			220				
8/17/2022							
8/18/2022				95			
8/19/2022		180	200				
8/22/2022					110		260
8/23/2022						910	
8/31/2022	49						
2/21/2023							
2/22/2023						790	260
2/23/2023	55	190	210	96	120		
8/1/2023							
8/2/2023				100			
8/7/2023		190			110	760	260
8/8/2023	59		210				
2/20/2024							310
2/21/2024					110		
2/23/2024				110			
2/26/2024	69	210					
2/27/2024			240			870	
7/31/2024							
8/1/2024	73	240	200	120			26
8/2/2024					93		
8/5/2024						870	
2/19/2025	84		230	170			
2/20/2025		210			88		
2/21/2025						850	270
7/23/2025	87						

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell
Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
7/24/2025							290
7/25/2025						870	
7/28/2025					71		
7/29/2025							
7/30/2025		200		170			
7/31/2025			220				

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
5/10/2016	44	100	110	64	96	59			
5/11/2016							91	527	104
5/12/2016									
5/13/2016									
6/23/2016	38		118	58	91				
6/24/2016						39	78		
6/27/2016		117							112
6/28/2016									
6/29/2016								562	
6/30/2016									
8/16/2016	22		110	52	100	38			
8/17/2016		86					100		86
8/18/2016									
8/19/2016									
8/22/2016								500	
10/13/2016	66		120						
10/14/2016		80		58	100	34			
10/17/2016							58		60
10/18/2016								490	
10/19/2016									
12/5/2016			110						
12/6/2016	54	110		72	110	70	98		90
12/7/2016								510	
12/8/2016									
2/14/2017	18	98	86	52	76	32	78		54
2/15/2017									
2/16/2017								520	
4/10/2017			120						
4/11/2017	50	110		78	120	64	110		
4/12/2017									64
4/13/2017								590	
6/26/2017	60		130	80	110	64	110		
6/27/2017		18						550	40
6/28/2017									
10/10/2017	36		110		100				
10/11/2017		94		64		42	120		82
10/12/2017								560	
6/5/2018	8	80	76	50	74				
6/6/2018						46	120	590	100
6/7/2018									
6/8/2018									
10/16/2018									
10/18/2018									
12/13/2018	16	4 (J)	100	58	110	4 (J)	94		
12/14/2018									44
12/17/2018								510	
1/2/2019									
3/28/2019		79		58		43	110		
3/29/2019	<10		110		72				
4/1/2019								580	
4/2/2019									91
9/12/2019				22					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
9/13/2019			200						
9/16/2019	17	42			91	19	57	550	76
9/17/2019									
9/18/2019									
3/17/2020		98		30	100	52			
3/18/2020	25		110				140		
3/23/2020									
3/24/2020									
3/25/2020								540	94
3/26/2020									
3/27/2020									
9/14/2020	20	71	95	36	93	55	110	470	99
9/15/2020									
3/30/2021	32		110		110				
3/31/2021				35		57	120	430	
4/1/2021									83
4/6/2021									
4/7/2021		95							
8/17/2021	27	97			110		130		
8/18/2021			120	53		66			140
8/19/2021								380	
8/20/2021									
2/9/2022	45	93		60	100	54	110		130
2/10/2022			130					410	
2/11/2022									
2/14/2022									
8/17/2022	82				130				
8/18/2022		88	170	94		64	140	470	
8/19/2022									150
8/22/2022									
8/23/2022									
11/16/2022									
2/21/2023	41			65		55			
2/22/2023					100		120	430	120
2/23/2023		90	130						
8/1/2023	61			80	110				100
8/2/2023									
8/7/2023						59	130	430	
8/8/2023		91	130						
2/20/2024	45				100		130		120
2/21/2024			140	78		54		380	
2/23/2024									
2/26/2024									
2/27/2024		96							
7/31/2024	47	90	130	80	110	59	130		
8/1/2024								360	130
8/2/2024									
8/5/2024									
2/19/2025		92	130				120	310	
2/20/2025	48			74	100	51			130
2/21/2025									
7/23/2025									

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWA-1 (bg)	SGWA-25 (bg)	SGWA-24 (bg)	SGWA-5 (bg)	SGWA-2 (bg)	SGWA-3 (bg)	SGWA-4 (bg)	SGWC-9	SGWC-6
7/24/2025	71				160	100	210		
7/25/2025									
7/28/2025			150						
7/29/2025									130
7/30/2025		76						460	
7/31/2025				82					

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
5/10/2016									
5/11/2016	330	195	222	80	68				
5/12/2016						386	288	260	261
5/13/2016									
6/23/2016									
6/24/2016									
6/27/2016	423		275						
6/28/2016		200		134	41				
6/29/2016						436	272	311	323
6/30/2016									
8/16/2016									
8/17/2016	410		220	42	70				
8/18/2016		200							310
8/19/2016							290		
8/22/2016						290		390	
10/13/2016									
10/14/2016									
10/17/2016	370	160		24	6				
10/18/2016			210			200	270	300	
10/19/2016									330 (D)
12/5/2016									
12/6/2016	420	220	250	70	40				
12/7/2016							300	310	370
12/8/2016						370			
2/14/2017	370		210						
2/15/2017		200		34	18		260		350
2/16/2017						350		310	
4/10/2017									
4/11/2017									
4/12/2017	370	180	200	36	18				
4/13/2017						380	300	300	390
6/26/2017									
6/27/2017	380	200	180	8	50				350
6/28/2017						320	250	290	
10/10/2017									
10/11/2017		190	210	56					
10/12/2017	400				46	350	280	290	380
6/5/2018									
6/6/2018	410	260	210	40	38				
6/7/2018						320	220	260	360
6/8/2018									
10/16/2018				100					
10/18/2018						370			
12/13/2018									
12/14/2018	390	190	170						390
12/17/2018					38		30	310	
1/2/2019									
3/28/2019									
3/29/2019									
4/1/2019	370	200	200	33	82				
4/2/2019						370	250	300	400
9/12/2019									

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
9/13/2019									
9/16/2019		200		<10					
9/17/2019	380		140		17	320		290	380
9/18/2019							490		
3/17/2020									
3/18/2020									
3/23/2020						330		330	
3/24/2020							210		430
3/25/2020	360			38	59				
3/26/2020		200	180						
3/27/2020									
9/14/2020	360	190	200	39	45				
9/15/2020						350	210	390	440
3/30/2021						350		380	
3/31/2021					64		220		
4/1/2021	360		200						410
4/6/2021									
4/7/2021		210		40					
8/17/2021									
8/18/2021	410		210				210	380	450
8/19/2021				36	54	340			
8/20/2021		220							
2/9/2022			170						
2/10/2022	400	210		39			230		
2/11/2022					44	350		350	440
2/14/2022									
8/17/2022									
8/18/2022	420	230	200	54					
8/19/2022					63				
8/22/2022						370	220	380	
8/23/2022									
11/16/2022									430
2/21/2023									
2/22/2023	350		170	41	56	350			470
2/23/2023		220					210	350	
8/1/2023									
8/2/2023				52					
8/7/2023		210			60	350			470
8/8/2023	360		170				210	360	
2/20/2024									
2/21/2024	320		160				230		
2/23/2024		170		55	52				
2/26/2024						380			490
2/27/2024								360	
7/31/2024			170						
8/1/2024	300	220		69					
8/2/2024						360	190	380	
8/5/2024					86				520
2/19/2025	330	220	160		93				520
2/20/2025				90		390		380	
2/21/2025							190		
7/23/2025									720

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-8	SGWC-12	SGWC-7	SGWC-11	SGWC-10	SGWC-20	SGWC-23	SGWC-21	SGWC-17
7/24/2025						420			
7/25/2025									
7/28/2025							170	420	
7/29/2025									
7/30/2025	310		160		120				
7/31/2025		260		97					

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
5/10/2016							
5/11/2016							
5/12/2016	46	298	309	190	212		
5/13/2016						728	366
6/23/2016							
6/24/2016							
6/27/2016							
6/28/2016	60	337	333	198			
6/29/2016					214		370
6/30/2016						742	
8/16/2016							
8/17/2016							
8/18/2016	48	310	320	180			
8/19/2016					230		
8/22/2016						670	350
10/13/2016							
10/14/2016							
10/17/2016			320	140			
10/18/2016	60	320			190		340
10/19/2016						700	
12/5/2016							
12/6/2016				110			
12/7/2016	64	270	340		230	720	
12/8/2016							350
2/14/2017							
2/15/2017		310	340	160			
2/16/2017	40				200	600	340
4/10/2017							
4/11/2017							
4/12/2017		280	300	140			
4/13/2017	76				220	640	350
6/26/2017							
6/27/2017	50	290	320	170			
6/28/2017					190	540	340
10/10/2017							
10/11/2017			340	170			
10/12/2017	68	330			230	640	370
6/5/2018							
6/6/2018							
6/7/2018	74	310	340	190	210		
6/8/2018						820	320
10/16/2018		350					
10/18/2018						1200	
12/13/2018							
12/14/2018			280	140			
12/17/2018	42				260		250
1/2/2019						1600	
3/28/2019							
3/29/2019							
4/1/2019		330	330	190			
4/2/2019	73				240	1700	420
9/12/2019							

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
9/13/2019							
9/16/2019							
9/17/2019	59	320	310	170		1600	400
9/18/2019					470		
3/17/2020							
3/18/2020							
3/23/2020							390
3/24/2020					250		
3/25/2020							
3/26/2020						1600	
3/27/2020	99	330	330	200			
9/14/2020				190			
9/15/2020	90	340	360		250	1500	450
3/30/2021						1500	420
3/31/2021		300			240		
4/1/2021	88						
4/6/2021			320				
4/7/2021				200			
8/17/2021							
8/18/2021					260	1400	
8/19/2021	100	320	370	210			440
8/20/2021							
2/9/2022							
2/10/2022	100				250	1400	
2/11/2022		310		200			440
2/14/2022			360				
8/17/2022							
8/18/2022				240			
8/19/2022		320	370				
8/22/2022					3400		450
8/23/2022						1300	
11/16/2022	110						
2/21/2023							
2/22/2023						1200	440
2/23/2023	130	300	390	230	260		
8/1/2023							
8/2/2023				220			
8/7/2023		360			300	1200	420
8/8/2023	130		360				
2/20/2024							420
2/21/2024					1000		
2/23/2024				220			
2/26/2024	140	320					
2/27/2024			330			1200	
7/31/2024							
8/1/2024	150	320	340	240			410
8/2/2024					220		
8/5/2024						1200	
2/19/2025	150		350	280			
2/20/2025		320			210		
2/21/2025						1100	420
7/23/2025	170						

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 11:28 AM View: Appendix III Interwell

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-15	SGWC-14	SGWC-13	SGWC-22	SGWC-18	SGWC-19
7/24/2025							580
7/25/2025						1300	
7/28/2025					210		
7/29/2025							
7/30/2025		440		360			
7/31/2025			420				

FIGURE E.

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/8/2025, 11:33 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	SGWC-10	0.02731	223	111	Yes	25	8	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-11	0.05736	267	111	Yes	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-16	0.02822	179	111	Yes	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-18	0.371	197	118	Yes	26	0	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-20	-0.05175	-135	-111	Yes	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-22	0.01754	141	111	Yes	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-23	-0.03035	-170	-111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWA-2 (bg)	0.2587	181	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWA-3 (bg)	0.1415	127	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWA-4 (bg)	0.629	202	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWA-5 (bg)	0.04741	137	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWA-24 (bg)	0.6822	226	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWC-9	-2.046	-153	-111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWC-13	1.143	240	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWC-17	3.868	260	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWC-19	0.897	140	111	Yes	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWC-21	1.625	191	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWA-24 (bg)	0.1903	167	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-9	1.283	215	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-11	0.3717	160	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-12	0.1566	152	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-13	1.228	250	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-14	0.462	145	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-15	0.3193	180	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-16	0.3	204	111	Yes	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-18	1.207	133	118	Yes	26	3.846	n/a	n/a	0.01	NP
pH, Field (SU)	SGWA-3 (bg)	0.02153	175	146	Yes	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWA-4 (bg)	-0.01938	-197	-146	Yes	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWC-11	-0.0778	-323	-146	Yes	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWC-16	-0.02214	-238	-152	Yes	31	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWC-18	0.01998	181	146	Yes	30	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWA-3 (bg)	-0.1089	-143	-111	Yes	25	4	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWA-4 (bg)	-0.1056	-143	-111	Yes	25	8	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-7	-1.719	-211	-111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-9	-15.53	-154	-111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-12	4.855	236	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-13	4.342	194	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-16	6.687	294	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-17	17.12	272	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-19	7.718	151	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-21	6.014	172	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-22	3.632	128	111	Yes	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-23	-9.483	-251	-111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWA-4 (bg)	5.751	166	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWA-24 (bg)	2.94	115	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-7	-6.777	-184	-111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-8	-6.814	-117	-111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-9	-19.03	-152	-111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-13	11.13	195	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-14	5.527	127	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-16	11.54	230	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-17	22.76	259	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-19	12.09	141	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-21	10.3	127	111	Yes	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWC-23	-10.71	-165	-111	Yes	25	0	n/a	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/8/2025, 11:33 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	SGWA-1 (bg)	0	-42	-111	No	25	84	n/a	n/a	0.01	NP
Boron (mg/L)	SGWA-2 (bg)	0	-44	-111	No	25	84	n/a	n/a	0.01	NP
Boron (mg/L)	SGWA-3 (bg)	0	-8	-111	No	25	84	n/a	n/a	0.01	NP
Boron (mg/L)	SGWA-4 (bg)	0	1	111	No	25	92	n/a	n/a	0.01	NP
Boron (mg/L)	SGWA-5 (bg)	0	-39	-111	No	25	92	n/a	n/a	0.01	NP
Boron (mg/L)	SGWA-24 (bg)	0	7	111	No	25	92	n/a	n/a	0.01	NP
Boron (mg/L)	SGWA-25 (bg)	0	19	111	No	25	88	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-9	-0.02085	-72	-111	No	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	**SGWC-10**	**0.02731**	**223**	**111**	**Yes**	**25**	**8**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**SGWC-11**	**0.05736**	**267**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-13	0.02336	101	111	No	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-14	0.01555	88	111	No	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	SGWC-15	-0.02473	-93	-111	No	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	**SGWC-16**	**0.02822**	**179**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-17	0.002158	21	111	No	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	**SGWC-18**	**0.371**	**197**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-19	0.0143	64	111	No	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	**SGWC-20**	**-0.05175**	**-135**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	SGWC-21	-0.01349	-80	-111	No	25	0	n/a	n/a	0.01	NP
Boron (mg/L)	**SGWC-22**	**0.01754**	**141**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**SGWC-23**	**-0.03035**	**-170**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWA-1 (bg)	-0.01578	-31	-111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**SGWA-2 (bg)**	**0.2587**	**181**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-3 (bg)**	**0.1415**	**127**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-4 (bg)**	**0.629**	**202**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-5 (bg)**	**0.04741**	**137**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWA-24 (bg)**	**0.6822**	**226**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWA-25 (bg)	-0.04839	-48	-111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	SGWC-8	-0.6391	-55	-111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**SGWC-9**	**-2.046**	**-153**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWC-12	0.2604	102	111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**SGWC-13**	**1.143**	**240**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWC-14	0	18	111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**SGWC-17**	**3.868**	**260**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	SGWC-18	-1.746	-80	-118	No	26	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**SGWC-19**	**0.897**	**140**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**SGWC-21**	**1.625**	**191**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWA-1 (bg)	0.01541	44	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWA-2 (bg)	0	33	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWA-3 (bg)	-0.06752	-101	-111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWA-4 (bg)	0	2	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWA-5 (bg)	0.02609	82	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**SGWA-24 (bg)**	**0.1903**	**167**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWA-25 (bg)	0	5	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-8	0.466	93	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**SGWC-9**	**1.283**	**215**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWC-10	0.05103	68	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**SGWC-11**	**0.3717**	**160**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-12**	**0.1566**	**152**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-13**	**1.228**	**250**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-14**	**0.462**	**145**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-15**	**0.3193**	**180**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**SGWC-16**	**0.3**	**204**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWC-17	-0.03078	-37	-111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**SGWC-18**	**1.207**	**133**	**118**	**Yes**	**26**	**3.846**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	SGWC-19	0.3179	105	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-20	-0.1986	-109	-111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-21	0.1421	44	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-22	0.04042	80	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	SGWC-23	0.2306	91	111	No	25	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWA-1 (bg)	0	-60	-139	No	29	86.21	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWA-2 (bg)	0	-47	-139	No	29	41.38	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWA-3 (bg)	0	-2	-139	No	29	65.52	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWA-4 (bg)	-0.003112	-75	-131	No	28	39.29	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWA-5 (bg)	0	-53	-139	No	29	75.86	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWA-24 (bg)	-0.0001474	-67	-139	No	29	41.38	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWA-25 (bg)	0	-6	-139	No	29	48.28	n/a	n/a	0.01	NP
Fluoride (mg/L)	SGWC-7	-0.004175	-55	-139	No	29	3.448	n/a	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

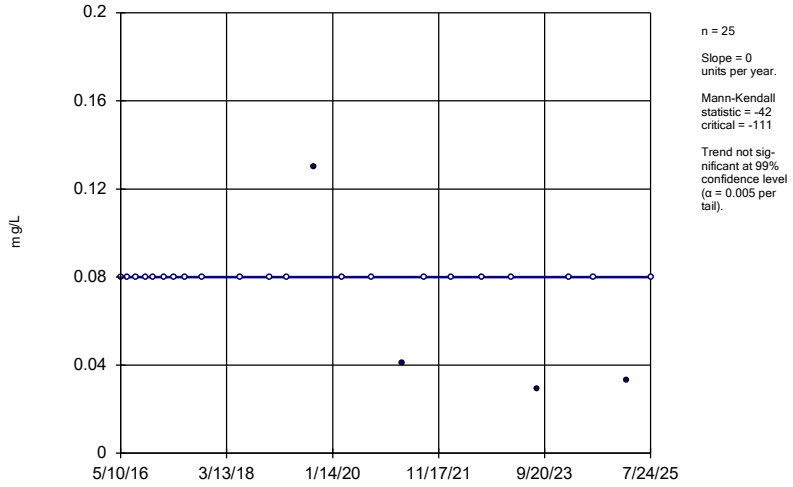
Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/8/2025, 11:33 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Fluoride (mg/L)	SGWC-8	0.004953	29	139	No	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWA-1 (bg)	-0.01469	-85	-146	No	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWA-2 (bg)	0.004457	55	146	No	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	**SGWA-3 (bg)**	**0.02153**	**175**	**146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**SGWA-4 (bg)**	**-0.01938**	**-197**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	SGWA-5 (bg)	-0.009834	-90	-152	No	31	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWA-24 (bg)	0	3	146	No	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	SGWA-25 (bg)	-0.01499	-116	-152	No	31	0	n/a	n/a	0.01	NP
pH, Field (SU)	**SGWC-11**	**-0.0778**	**-323**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	SGWC-15	-0.01174	-131	-146	No	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	**SGWC-16**	**-0.02214**	**-238**	**-152**	**Yes**	**31**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**SGWC-18**	**0.01998**	**181**	**146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	SGWC-20	-0.00402	-61	-146	No	30	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWA-1 (bg)	-0.01553	-33	-111	No	25	20	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWA-2 (bg)	0	30	111	No	25	52	n/a	n/a	0.01	NP
Sulfate (mg/L)	**SGWA-3 (bg)**	**-0.1089**	**-143**	**-111**	**Yes**	**25**	**4**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWA-4 (bg)**	**-0.1056**	**-143**	**-111**	**Yes**	**25**	**8**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWA-5 (bg)	0	56	111	No	25	84	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWA-24 (bg)	0	33	111	No	25	84	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWA-25 (bg)	0	33	111	No	25	80	n/a	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-7**	**-1.719**	**-211**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-8	-1.622	-28	-111	No	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-9**	**-15.53**	**-154**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-10	1.159	79	111	No	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-11	-0.04462	-11	-111	No	25	12	n/a	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-12**	**4.855**	**236**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-13**	**4.342**	**194**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-14	2.973	108	111	No	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	SGWC-15	0	60	111	No	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-16**	**6.687**	**294**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-17**	**17.12**	**272**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-18	42.53	66	118	No	26	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-19**	**7.718**	**151**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	SGWC-20	0	24	111	No	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**SGWC-21**	**6.014**	**172**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-22**	**3.632**	**128**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**SGWC-23**	**-9.483**	**-251**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWA-1 (bg)	2.214	61	111	No	25	4	n/a	n/a	0.01	NP
TDS (mg/L)	SGWA-2 (bg)	1.452	74	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	SGWA-3 (bg)	2.276	72	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWA-4 (bg)**	**5.751**	**166**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWA-5 (bg)	1.88	70	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWA-24 (bg)**	**2.94**	**115**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWA-25 (bg)	-1.019	-52	-111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWC-7**	**-6.777**	**-184**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**SGWC-8**	**-6.814**	**-117**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**SGWC-9**	**-19.03**	**-152**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-12	3.025	108	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWC-13**	**11.13**	**195**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**SGWC-14**	**5.527**	**127**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-15	2.582	73	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWC-16**	**11.54**	**230**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**SGWC-17**	**22.76**	**259**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-18	66.41	76	118	No	26	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWC-19**	**12.09**	**141**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-20	3.64	57	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWC-21**	**10.3**	**127**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	SGWC-22	6.885	101	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**SGWC-23**	**-10.71**	**-165**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-1 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = -42
critical = -111

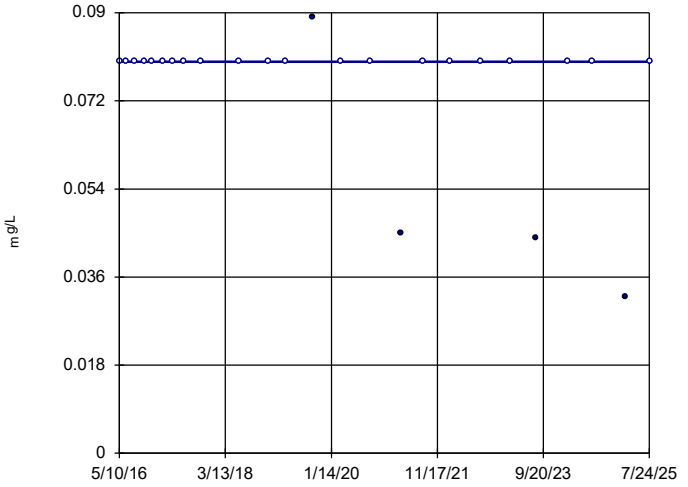
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-2 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = -44
critical = -111

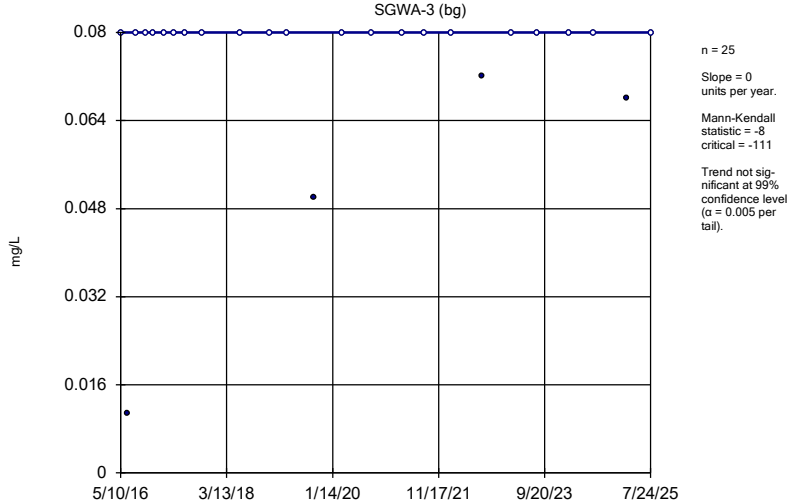
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-3 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = -8
critical = -111

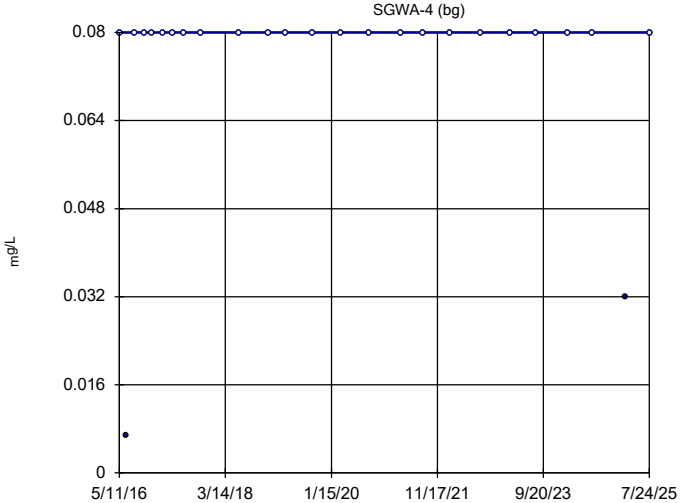
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-4 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 1
critical = 111

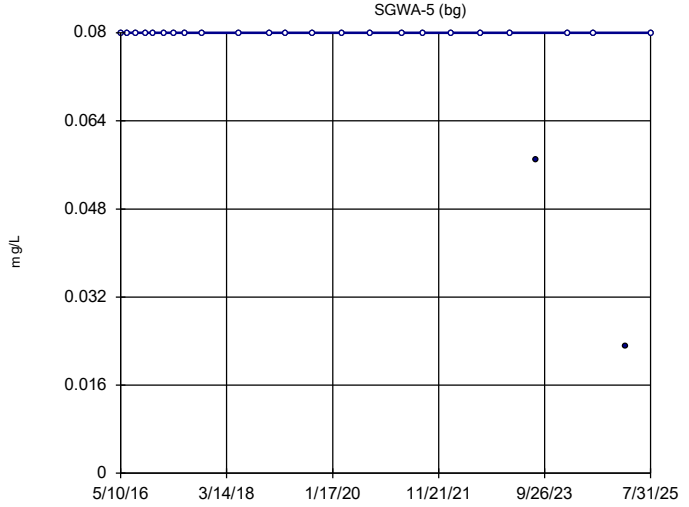
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-5 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = -39
critical = -111

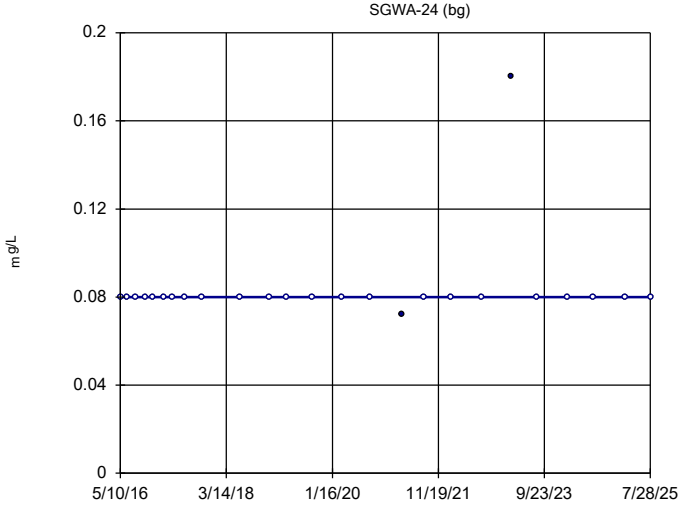
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-24 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 7
critical = 111

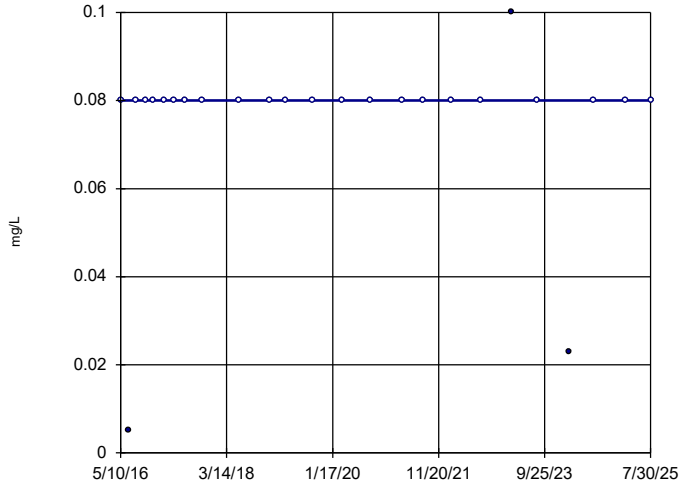
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-25 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 19
critical = 111

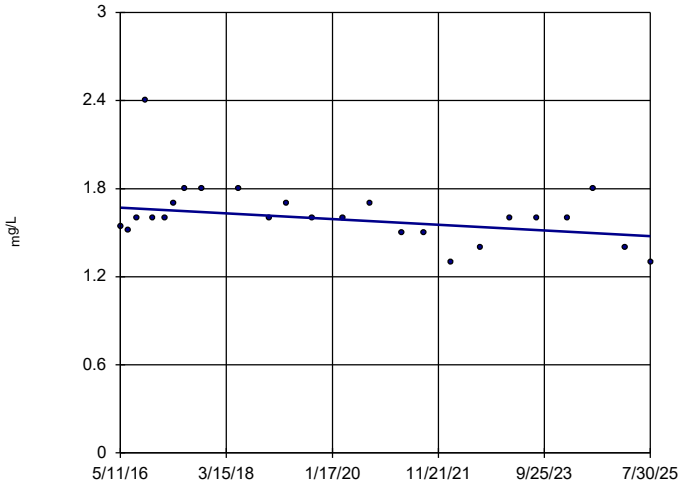
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-9



n = 25

Slope = -0.02085 units per year.

Mann-Kendall statistic = -72
critical = -111

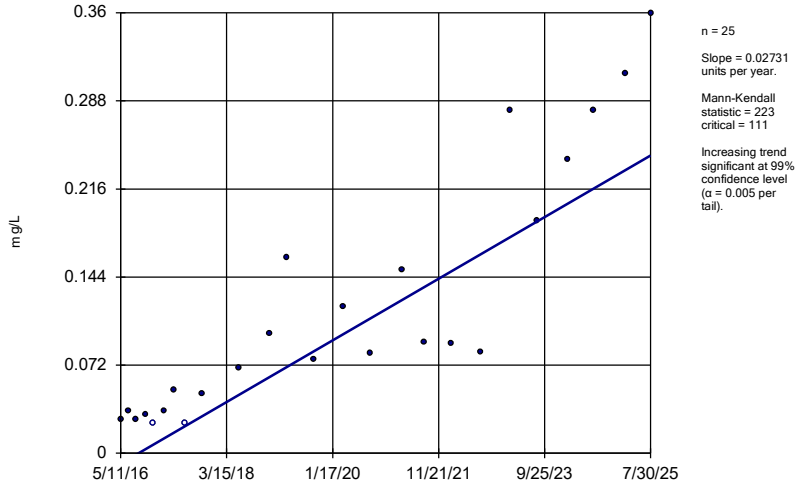
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWC-10



n = 25

Slope = 0.02731 units per year.

Mann-Kendall statistic = 223 critical = 111

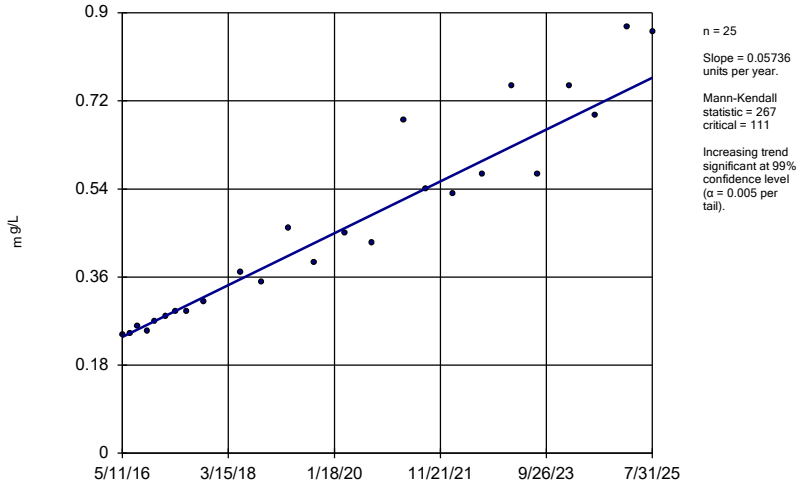
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-11



n = 25

Slope = 0.05736 units per year.

Mann-Kendall statistic = 267 critical = 111

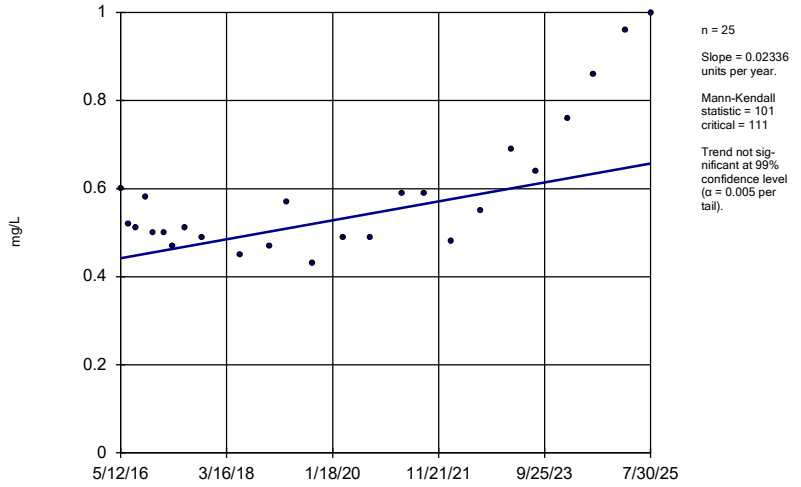
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-13



n = 25

Slope = 0.02336 units per year.

Mann-Kendall statistic = 101 critical = 111

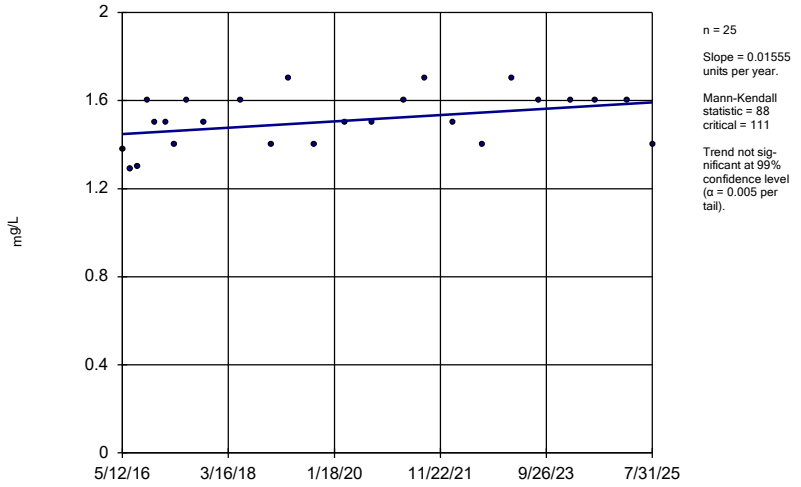
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-14



n = 25

Slope = 0.01555 units per year.

Mann-Kendall statistic = 88 critical = 111

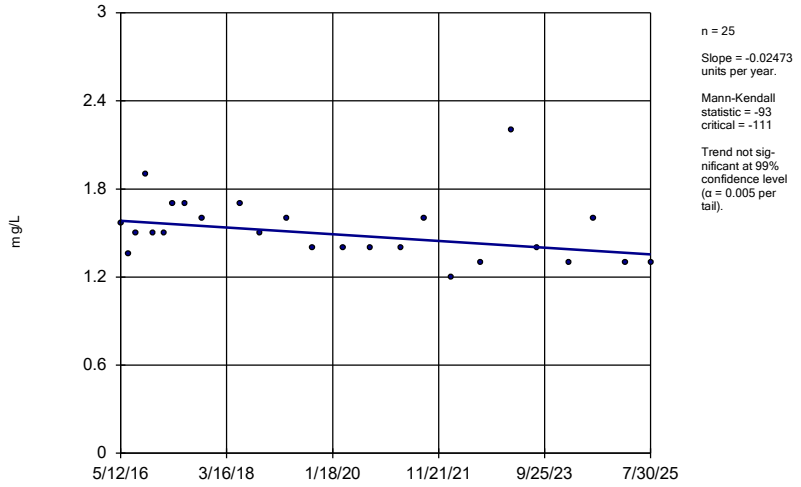
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-15



n = 25

Slope = -0.02473 units per year.

Mann-Kendall statistic = -93 critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

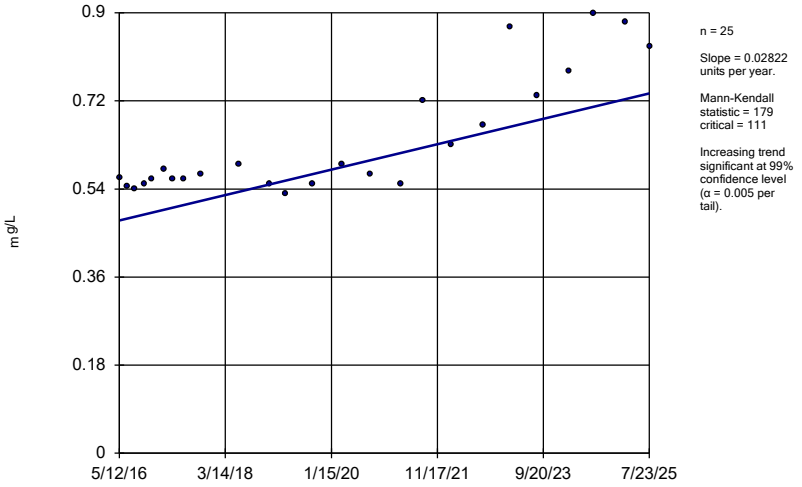
Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-16



n = 25

Slope = 0.02822 units per year.

Mann-Kendall statistic = 179 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

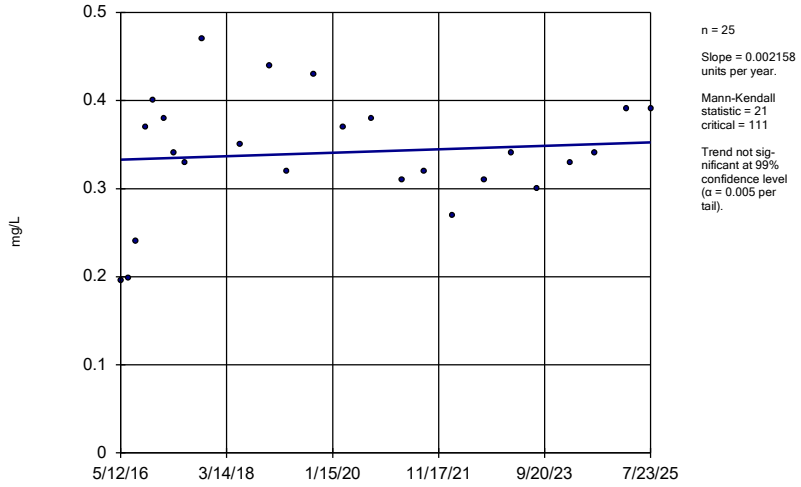
Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-17



n = 25

Slope = 0.002158 units per year.

Mann-Kendall statistic = 21 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

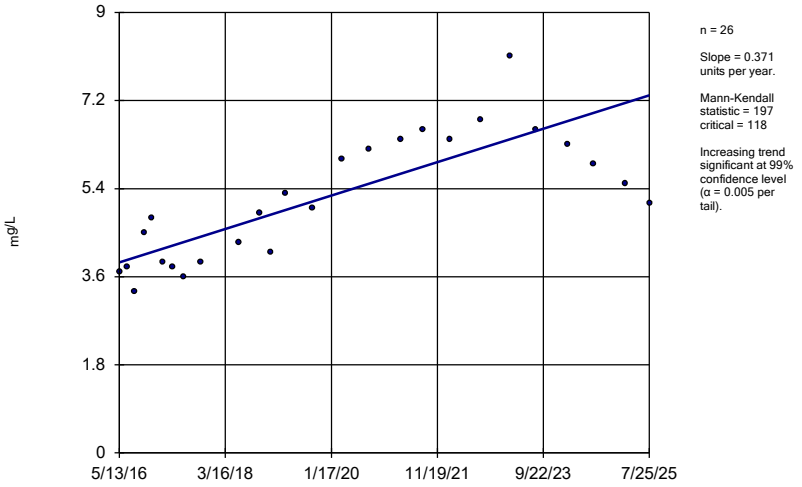
Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-18



n = 26

Slope = 0.371 units per year.

Mann-Kendall statistic = 197 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

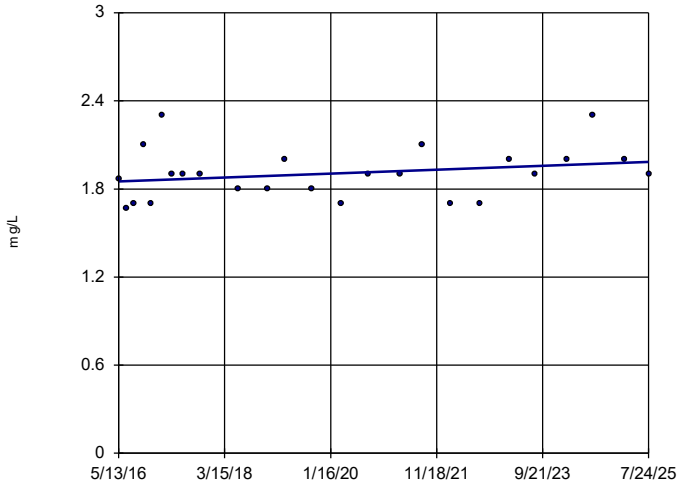
Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-19



n = 25

Slope = 0.0143 units per year.

Mann-Kendall statistic = 64
critical = 111

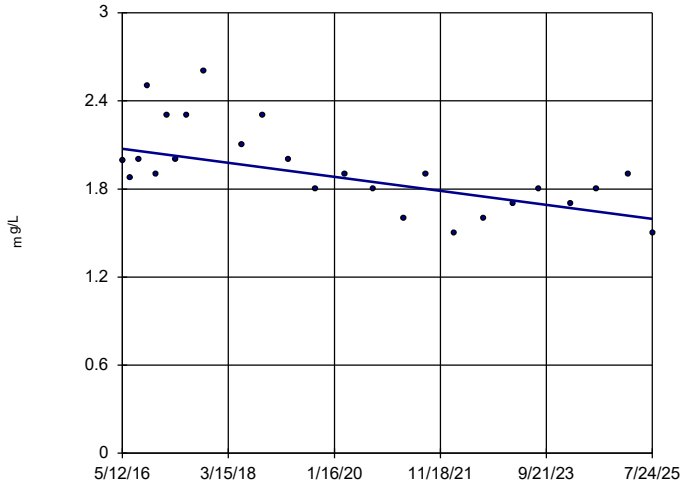
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-20



n = 25

Slope = -0.05175 units per year.

Mann-Kendall statistic = -135
critical = -111

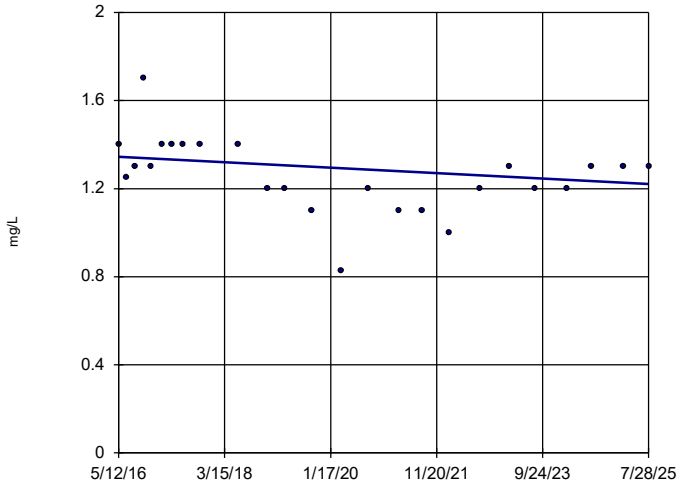
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-21



n = 25

Slope = -0.01349 units per year.

Mann-Kendall statistic = -80
critical = -111

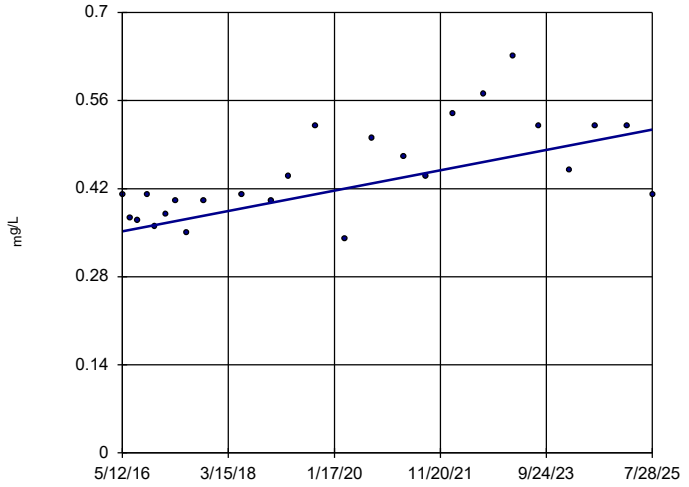
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-22



n = 25

Slope = 0.01754 units per year.

Mann-Kendall statistic = 141
critical = 111

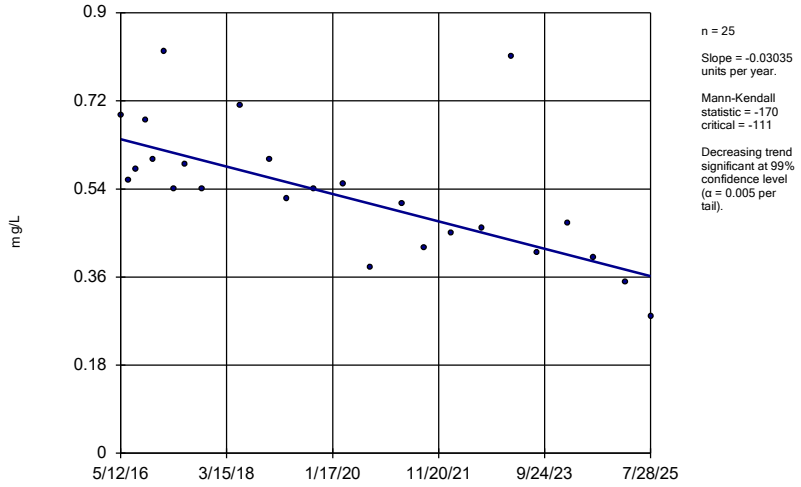
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-23



n = 25

Slope = -0.03035 units per year.

Mann-Kendall statistic = -170 critical = -111

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

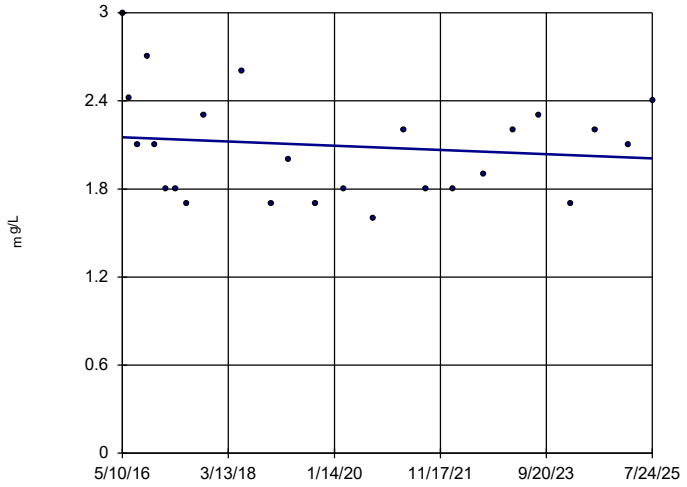
Constituent: Boron Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-1 (bg)



n = 25

Slope = -0.01578 units per year.

Mann-Kendall statistic = -31 critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

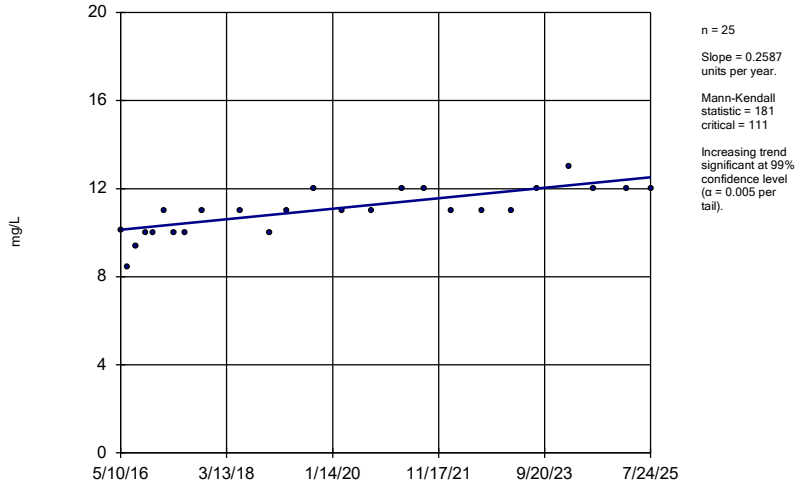
Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-2 (bg)



n = 25

Slope = 0.2587 units per year.

Mann-Kendall statistic = 181 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

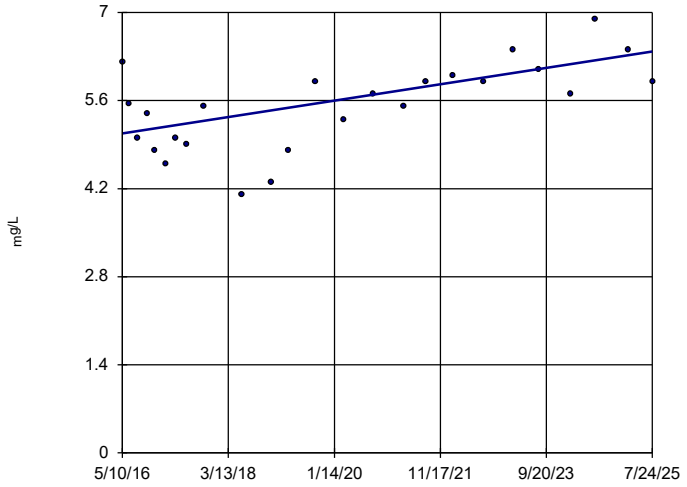
Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-3 (bg)



n = 25

Slope = 0.1415 units per year.

Mann-Kendall statistic = 127 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

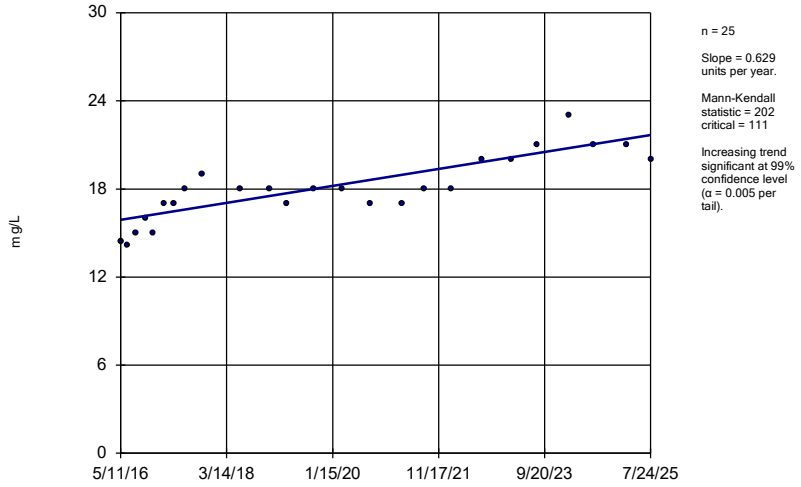
Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-4 (bg)



n = 25

Slope = 0.629 units per year.

Mann-Kendall statistic = 202 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

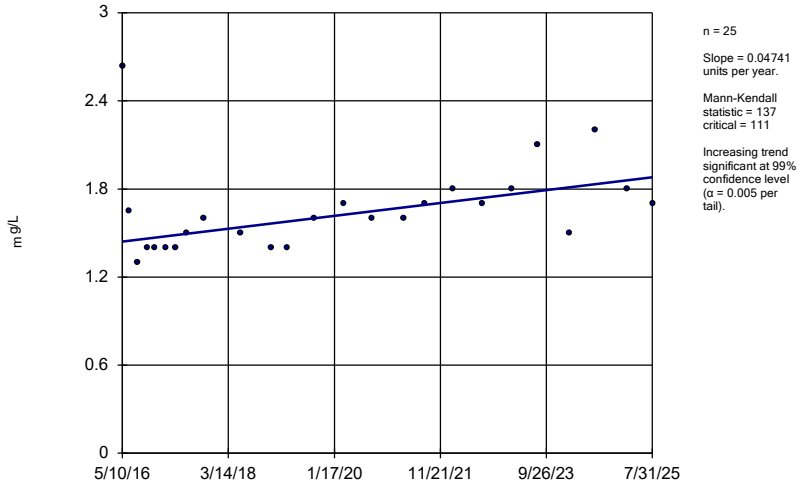
Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-5 (bg)



n = 25

Slope = 0.04741 units per year.

Mann-Kendall statistic = 137 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

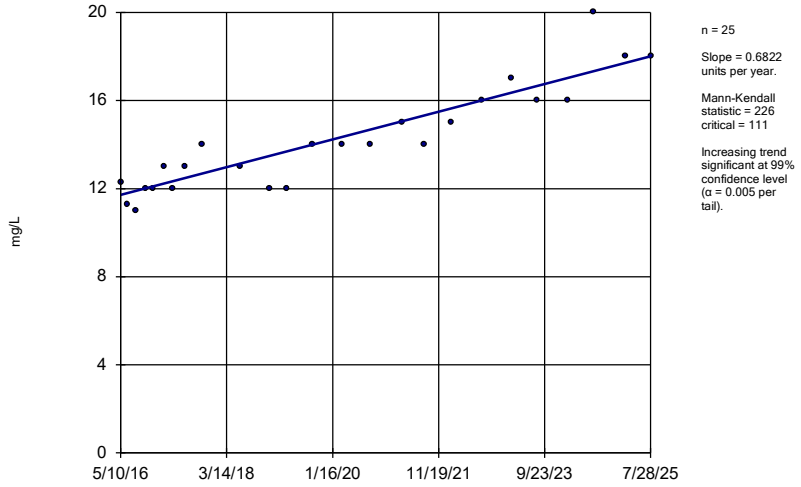
Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-24 (bg)



n = 25

Slope = 0.6822 units per year.

Mann-Kendall statistic = 226 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

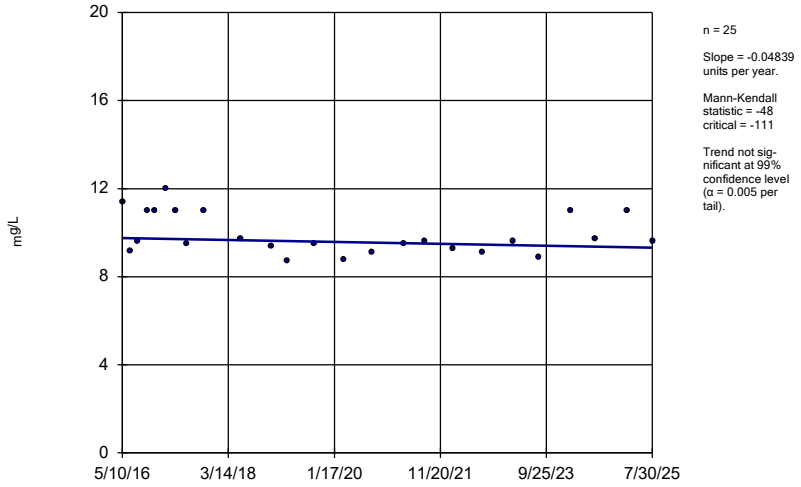
Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-25 (bg)



n = 25

Slope = -0.04839 units per year.

Mann-Kendall statistic = -48 critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

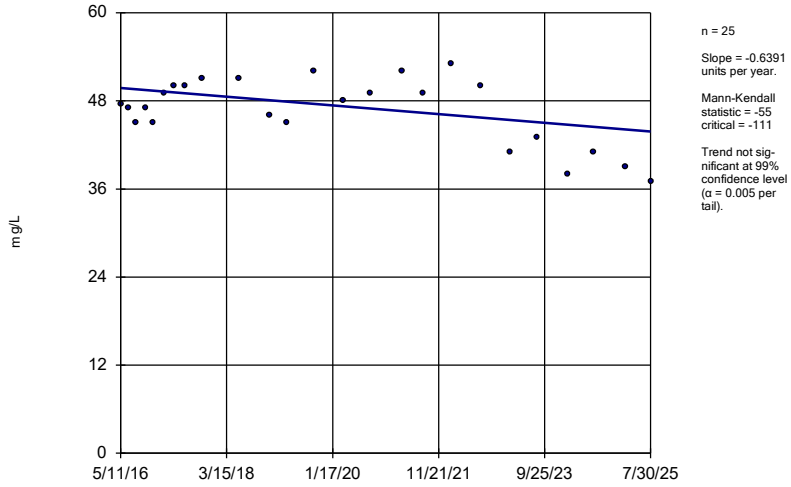
Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-8



n = 25

Slope = -0.6391 units per year.

Mann-Kendall statistic = -55
critical = -111

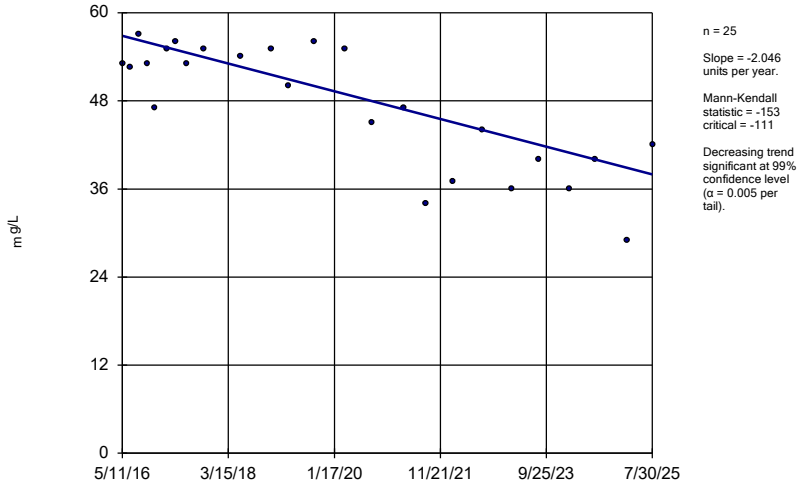
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-9



n = 25

Slope = -2.046 units per year.

Mann-Kendall statistic = -153
critical = -111

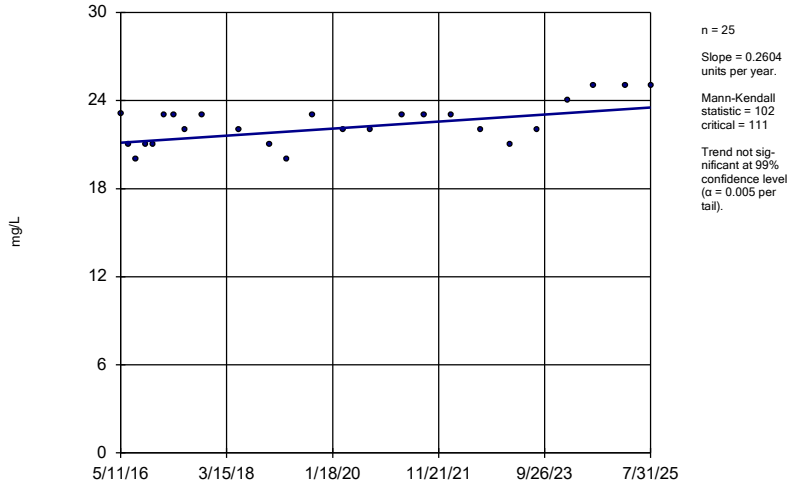
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-12



n = 25

Slope = 0.2604 units per year.

Mann-Kendall statistic = 102
critical = 111

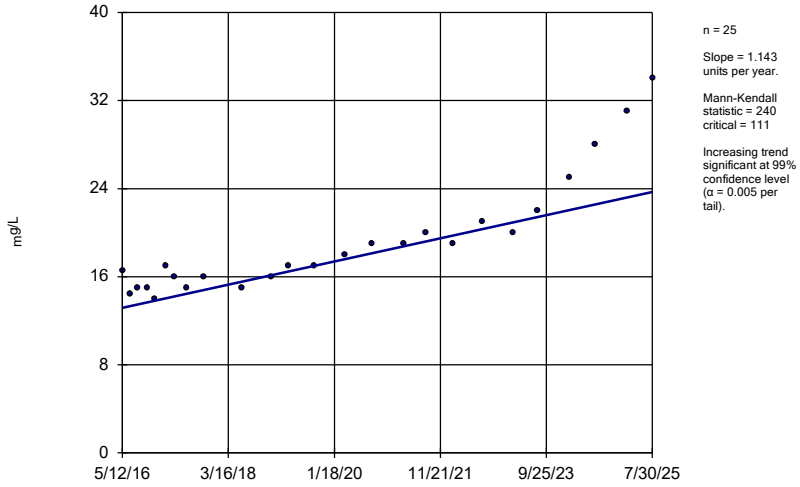
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-13



n = 25

Slope = 1.143 units per year.

Mann-Kendall statistic = 240
critical = 111

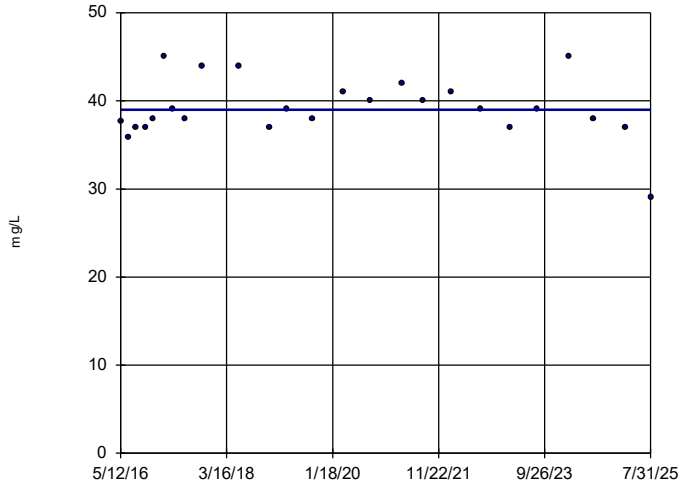
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-14



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 18 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

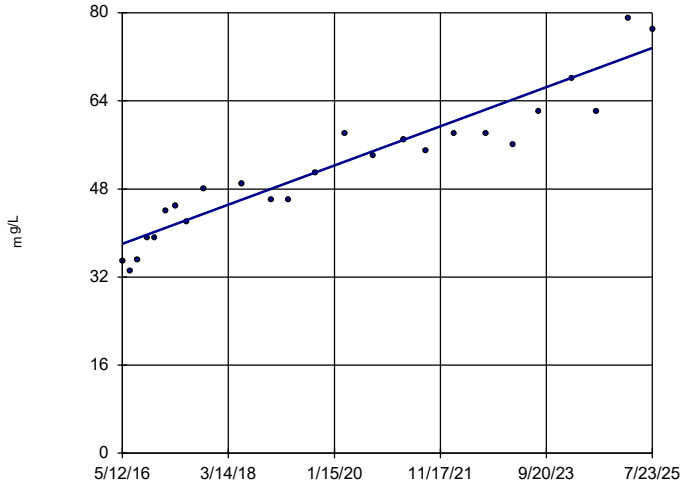
Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-17



n = 25

Slope = 3.868 units per year.

Mann-Kendall statistic = 260 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

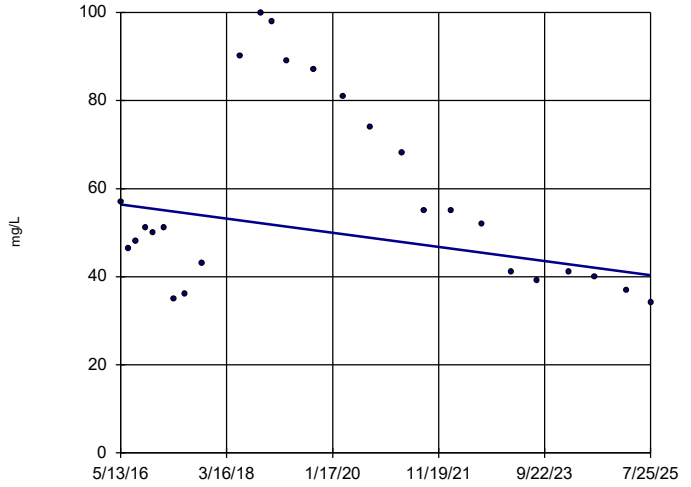
Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-18



n = 26

Slope = -1.746 units per year.

Mann-Kendall statistic = -80 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

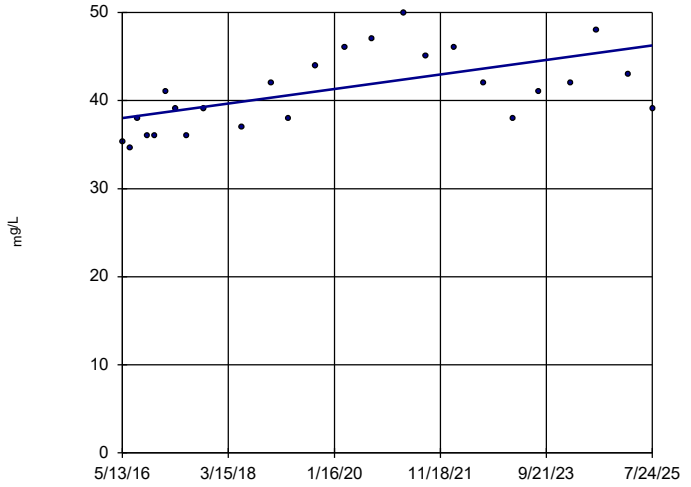
Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-19



n = 25

Slope = 0.897 units per year.

Mann-Kendall statistic = 140 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

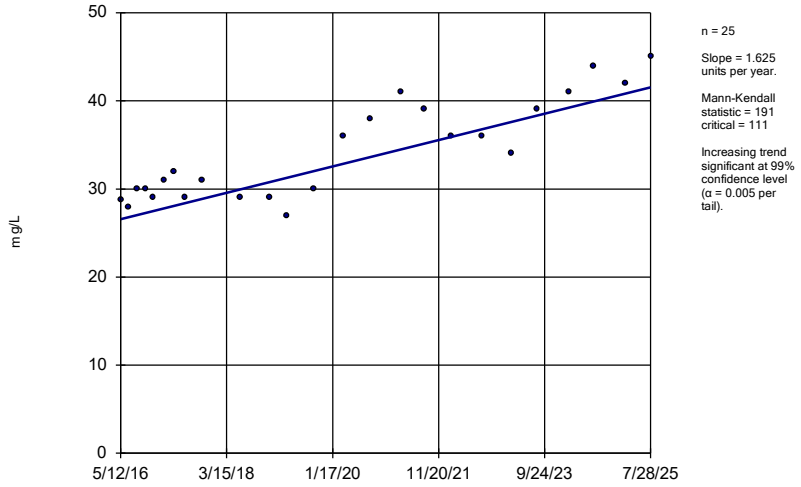
Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-21



n = 25

Slope = 1.625 units per year.

Mann-Kendall statistic = 191
critical = 111

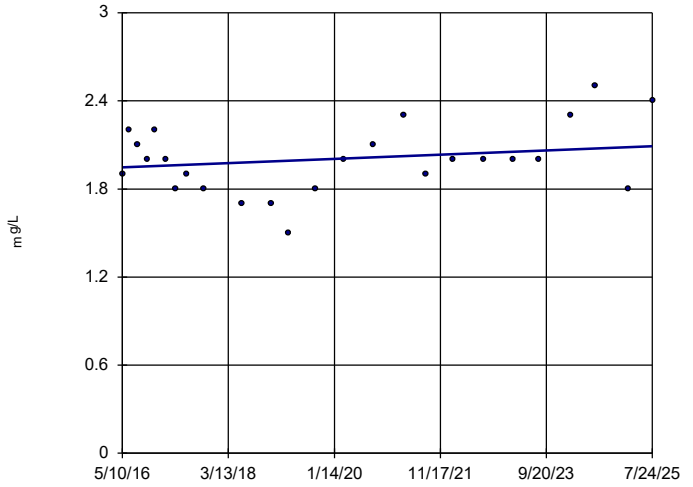
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-1 (bg)



n = 25

Slope = 0.01541 units per year.

Mann-Kendall statistic = 44
critical = 111

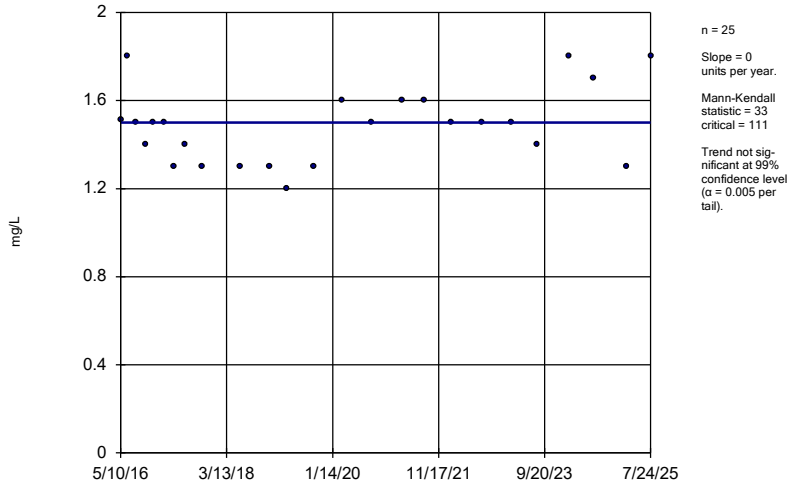
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-2 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 33
critical = 111

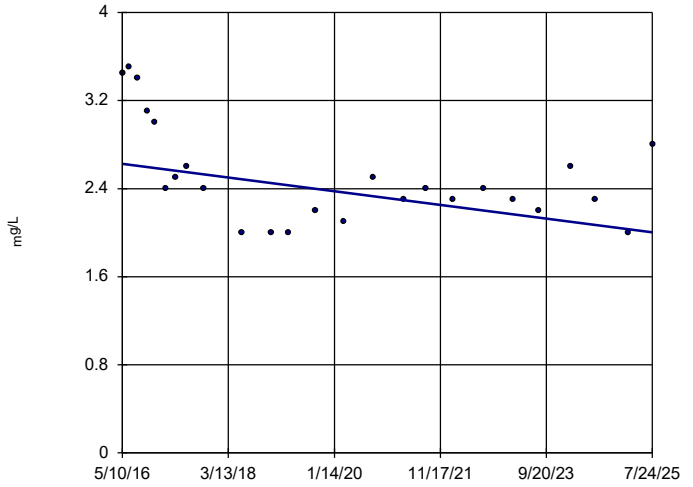
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-3 (bg)



n = 25

Slope = -0.06752 units per year.

Mann-Kendall statistic = -101
critical = -111

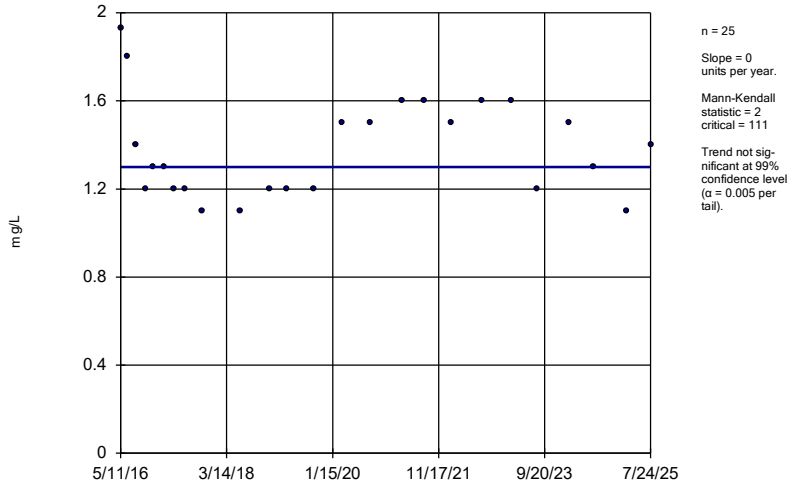
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-4 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 2 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

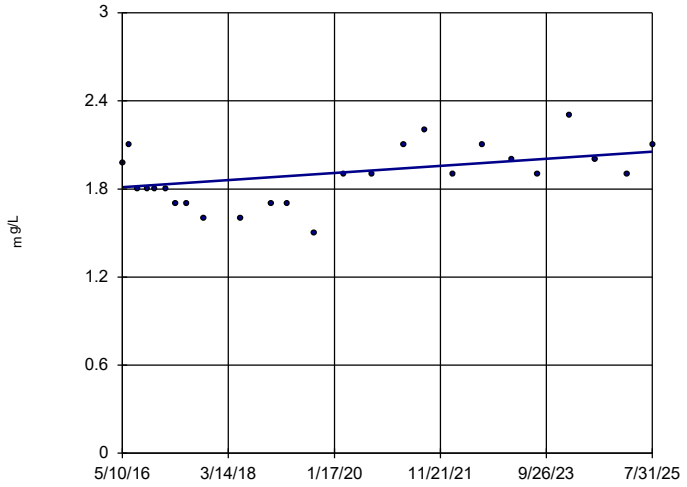
Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-5 (bg)



n = 25

Slope = 0.02609 units per year.

Mann-Kendall statistic = 82 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

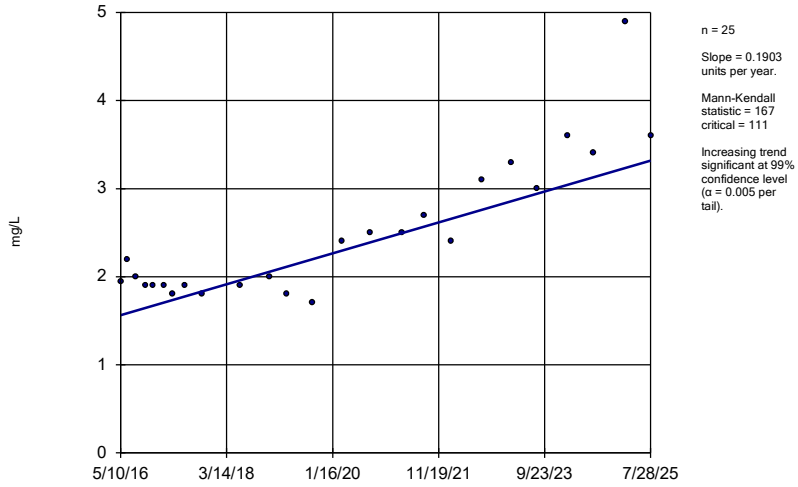
Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-24 (bg)



n = 25

Slope = 0.1903 units per year.

Mann-Kendall statistic = 167 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

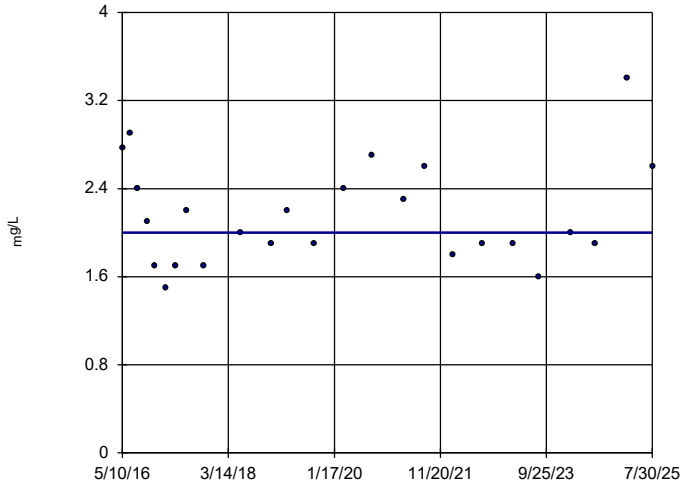
Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

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Sen's Slope Estimator

SGWA-25 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 5 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

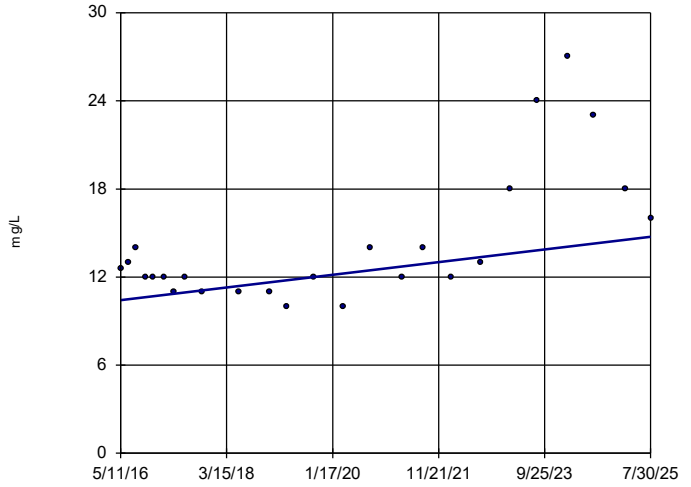
Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-8



n = 25

Slope = 0.466 units per year.

Mann-Kendall statistic = 93
critical = 111

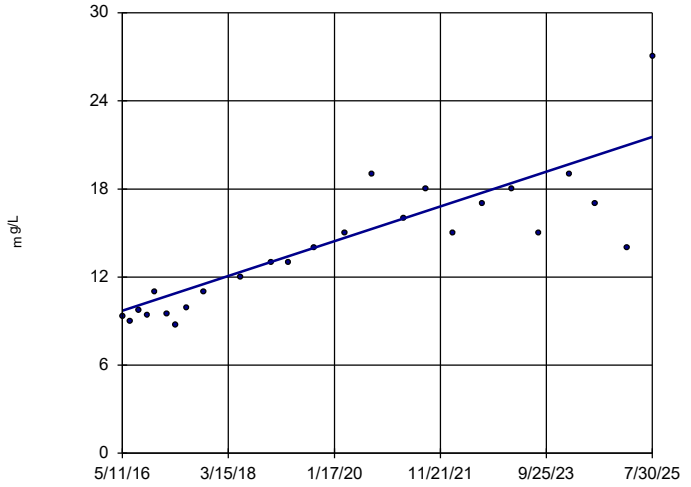
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-9



n = 25

Slope = 1.283 units per year.

Mann-Kendall statistic = 215
critical = 111

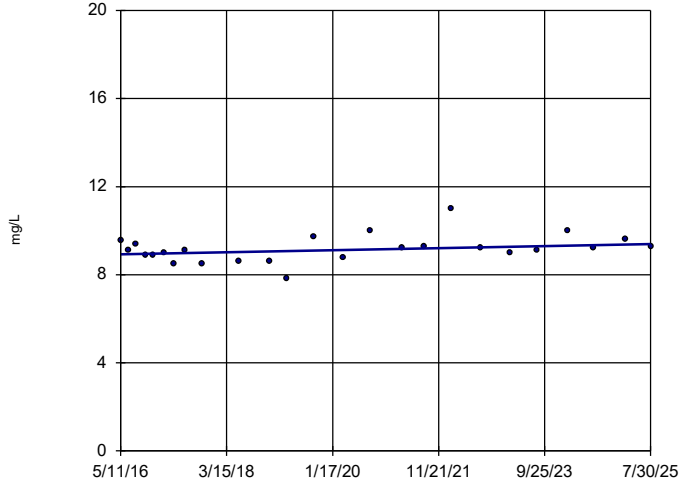
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-10



n = 25

Slope = 0.05103 units per year.

Mann-Kendall statistic = 68
critical = 111

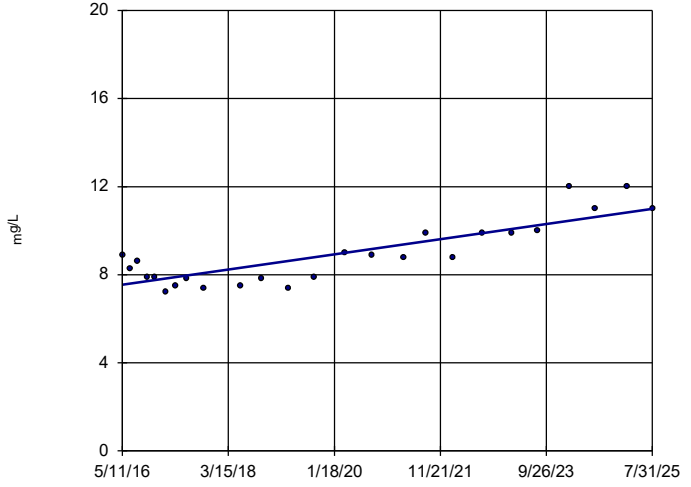
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-11



n = 25

Slope = 0.3717 units per year.

Mann-Kendall statistic = 160
critical = 111

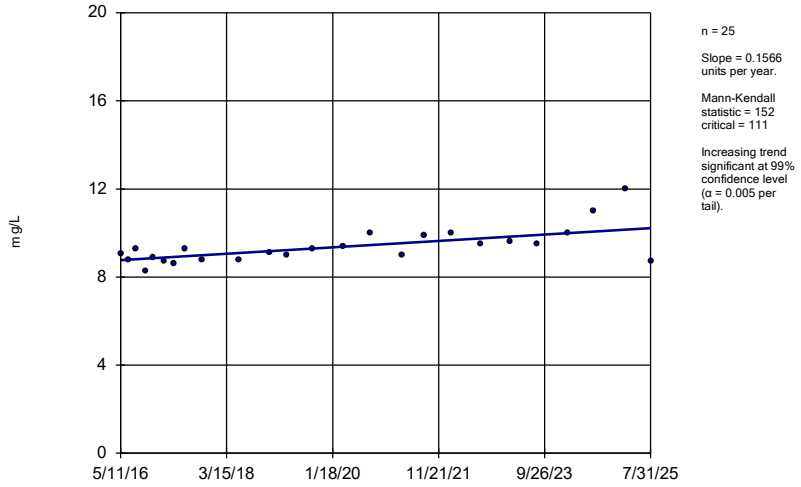
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-12



n = 25

Slope = 0.1566 units per year.

Mann-Kendall statistic = 152 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

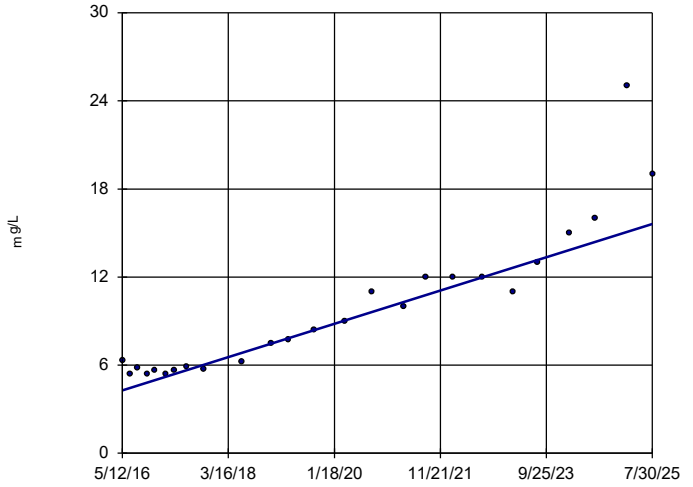
Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-13



n = 25

Slope = 1.228 units per year.

Mann-Kendall statistic = 250 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

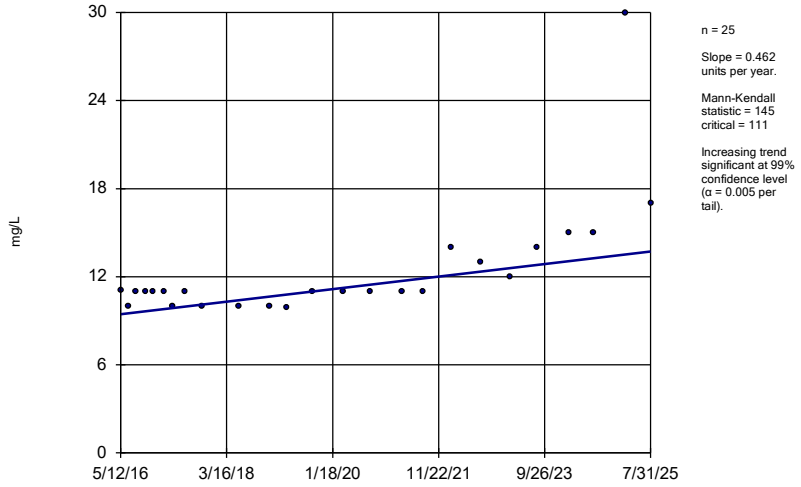
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Sen's Slope Estimator

SGWC-14



n = 25

Slope = 0.462 units per year.

Mann-Kendall statistic = 145 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

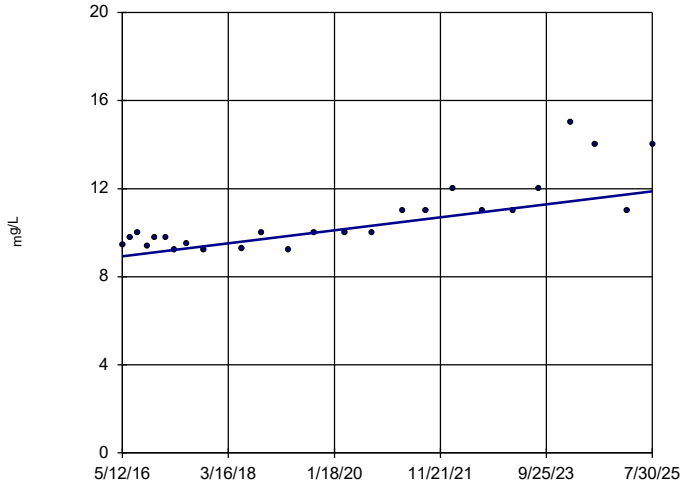
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-15



n = 25

Slope = 0.3193 units per year.

Mann-Kendall statistic = 180 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

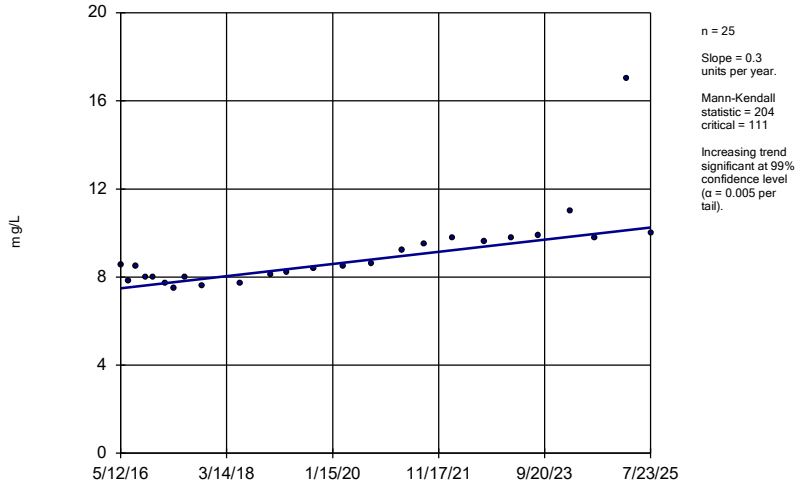
Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-16



n = 25

Slope = 0.3 units per year.

Mann-Kendall statistic = 204 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

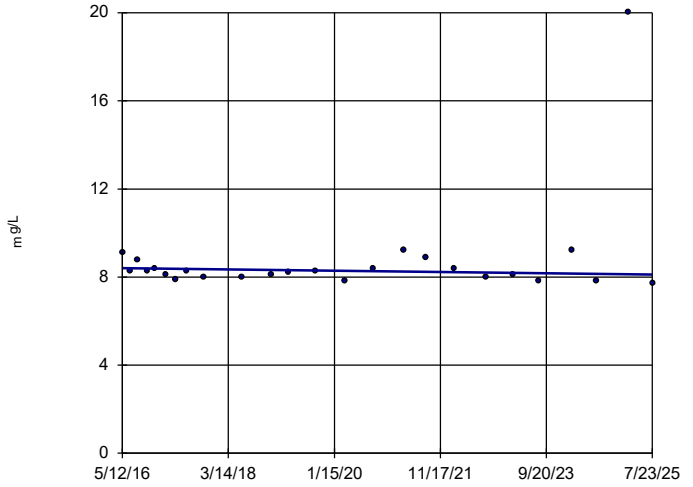
Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-17



n = 25

Slope = -0.03078 units per year.

Mann-Kendall statistic = -37 critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

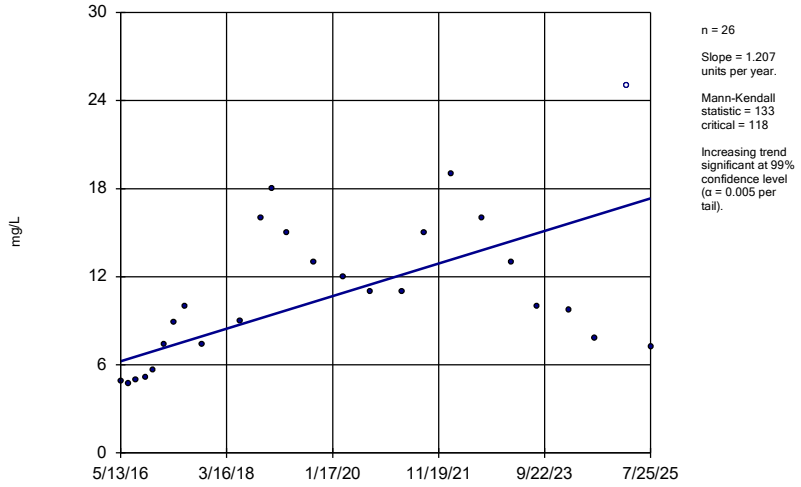
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWC-18



n = 26

Slope = 1.207 units per year.

Mann-Kendall statistic = 133 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

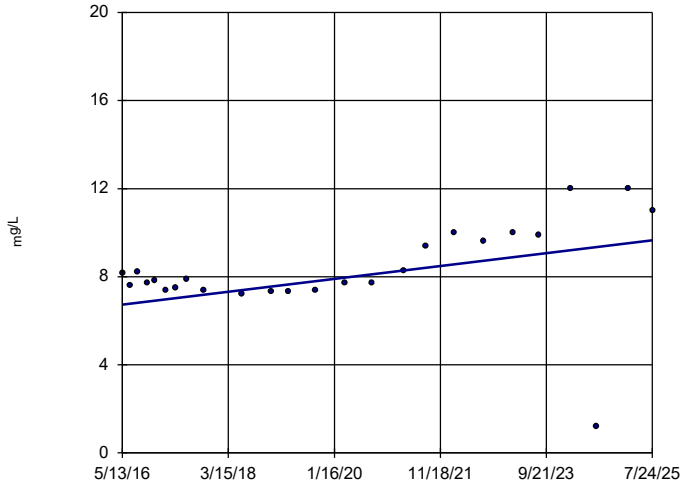
Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-19



n = 25

Slope = 0.3179 units per year.

Mann-Kendall statistic = 105 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

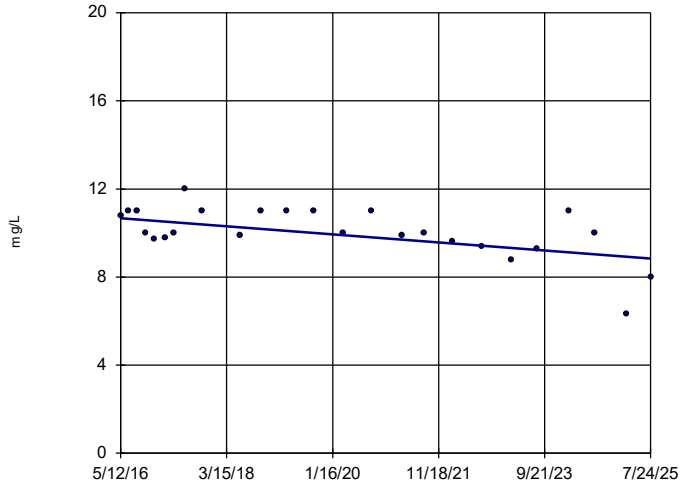
Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-20



n = 25

Slope = -0.1986 units per year.

Mann-Kendall statistic = -109
critical = -111

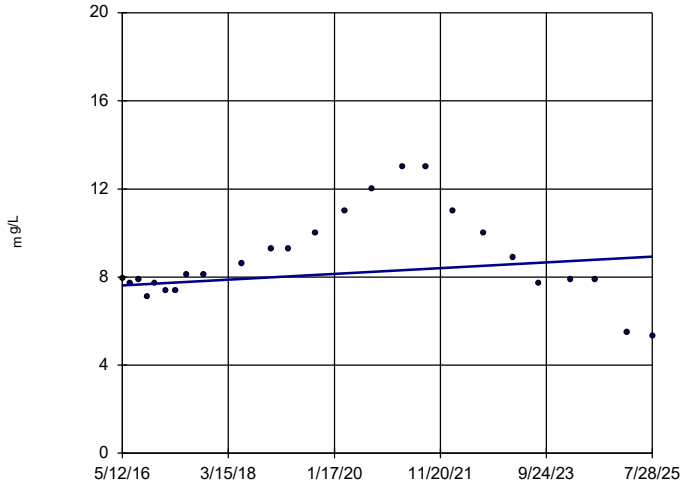
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-21



n = 25

Slope = 0.1421 units per year.

Mann-Kendall statistic = 44
critical = 111

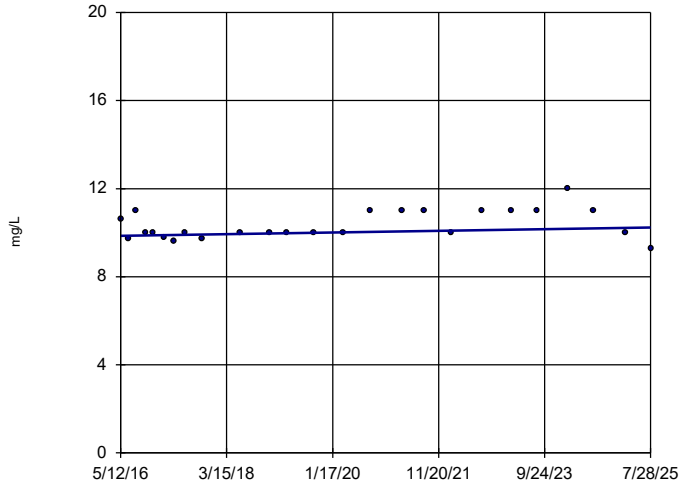
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-22



n = 25

Slope = 0.04042 units per year.

Mann-Kendall statistic = 80
critical = 111

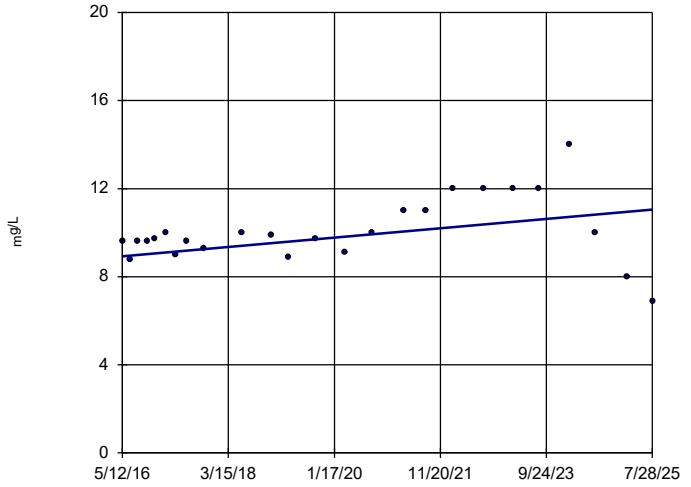
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-23



n = 25

Slope = 0.2306 units per year.

Mann-Kendall statistic = 91
critical = 111

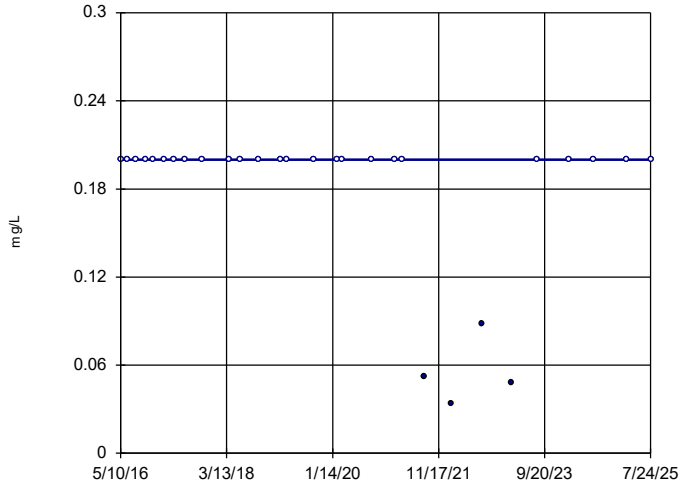
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/8/2025 11:29 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-1 (bg)



n = 29

Slope = 0 units per year.

Mann-Kendall statistic = -60
critical = -139

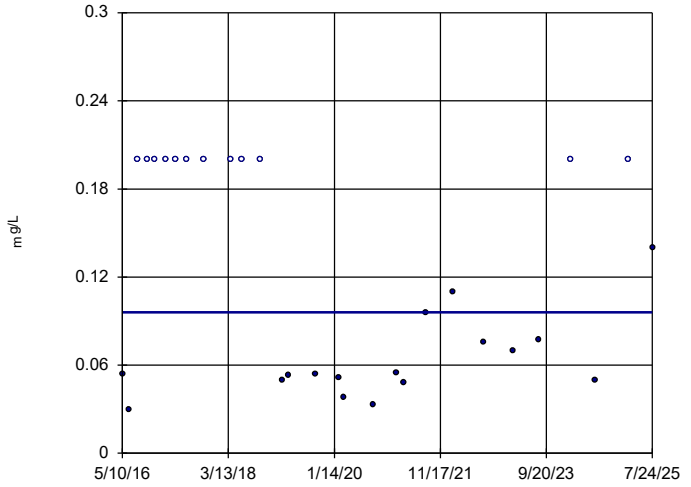
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-2 (bg)



n = 29

Slope = 0 units per year.

Mann-Kendall statistic = -47
critical = -139

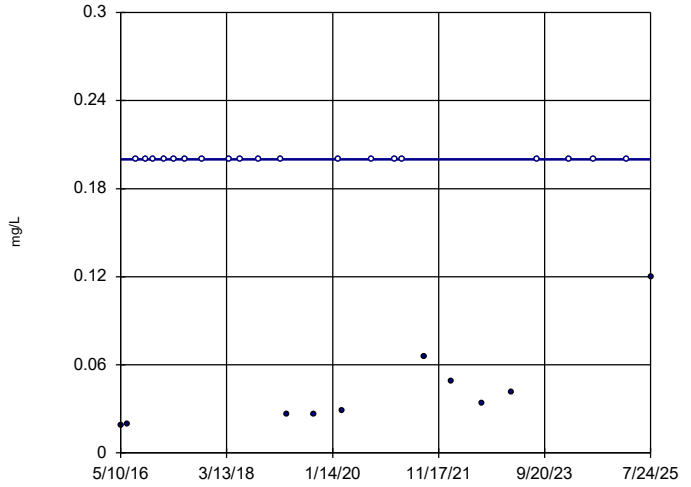
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-3 (bg)



n = 29

Slope = 0 units per year.

Mann-Kendall statistic = -2
critical = -139

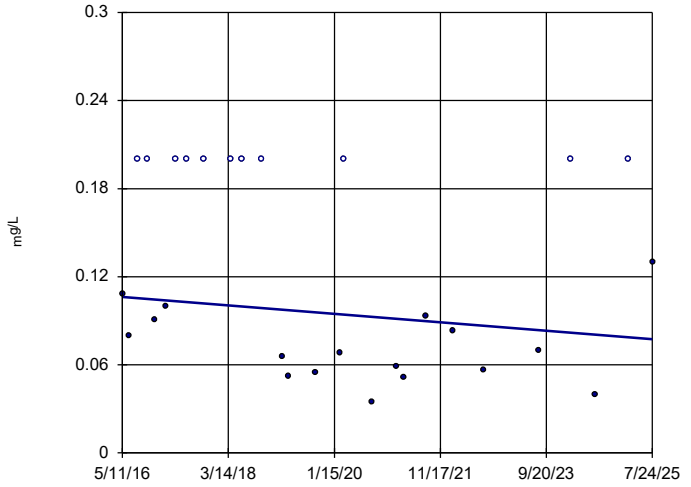
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-4 (bg)



n = 28

Slope = -0.003112 units per year.

Mann-Kendall statistic = -75
critical = -131

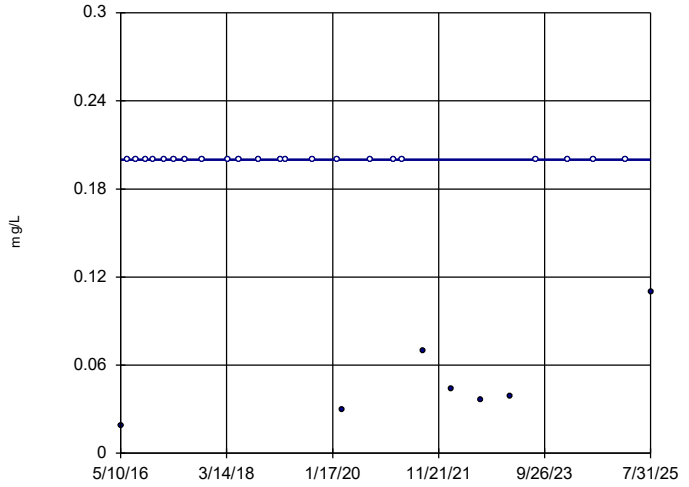
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-5 (bg)



n = 29

Slope = 0 units per year.

Mann-Kendall statistic = -53
critical = -139

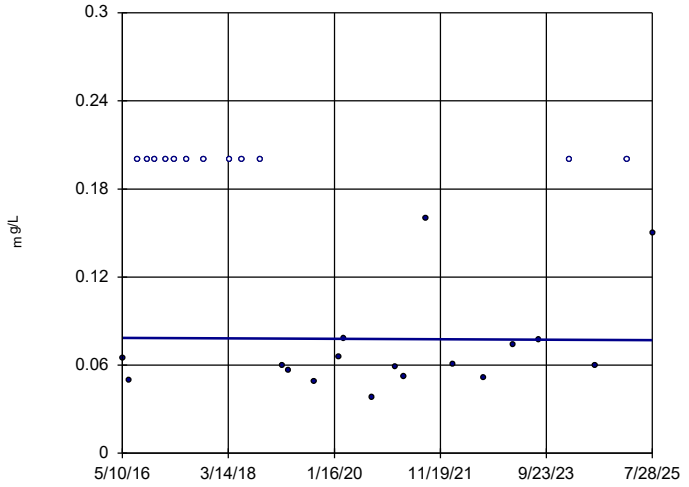
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-24 (bg)



n = 29

Slope = -0.0001474 units per year.

Mann-Kendall statistic = -67
critical = -139

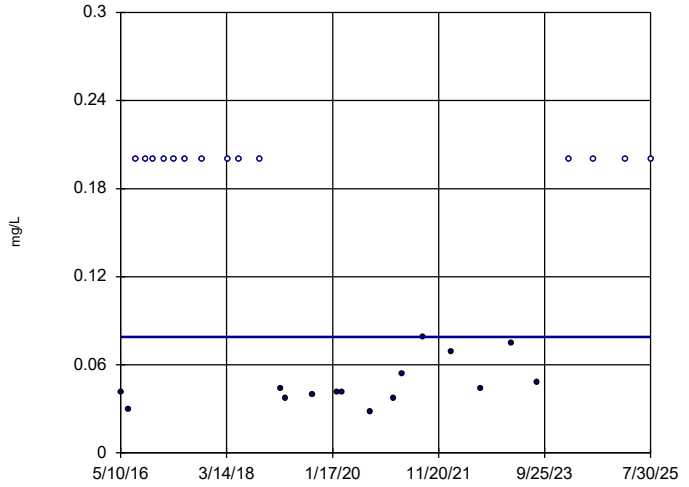
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-25 (bg)



n = 29

Slope = 0 units per year.

Mann-Kendall statistic = -6
critical = -139

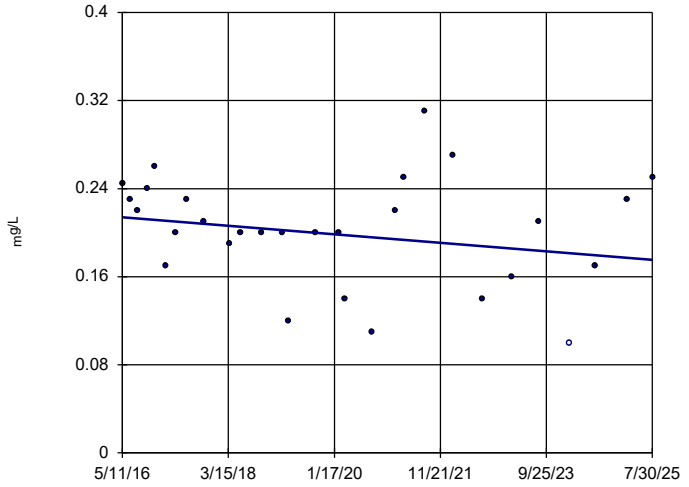
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWC-7



n = 29

Slope = -0.004175 units per year.

Mann-Kendall statistic = -55
critical = -139

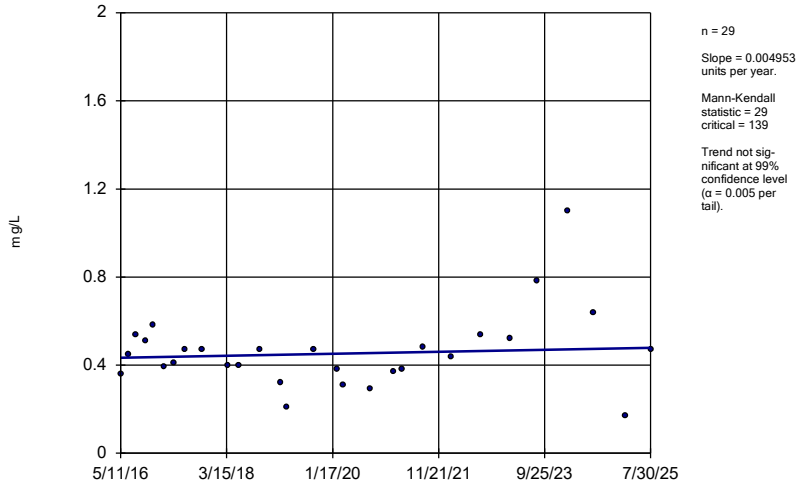
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-8



n = 29

Slope = 0.004953 units per year.

Mann-Kendall statistic = 29 critical = 139

Trend not significant at 99% confidence level (α = 0.005 per tail).

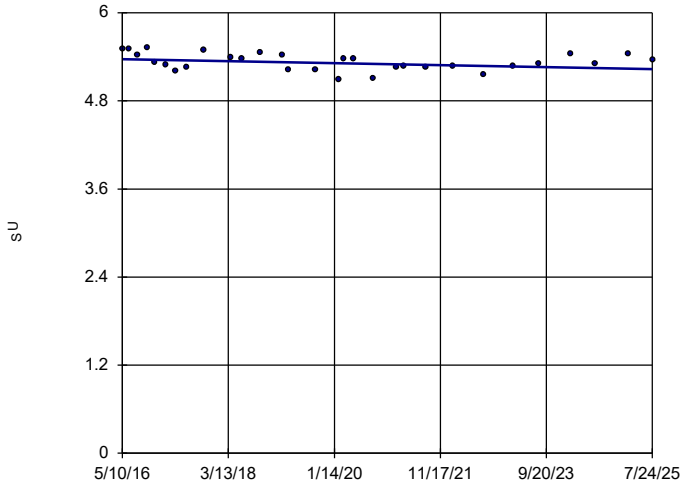
Constituent: Fluoride Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-1 (bg)



n = 30

Slope = -0.01469 units per year.

Mann-Kendall statistic = -85 critical = -146

Trend not significant at 99% confidence level (α = 0.005 per tail).

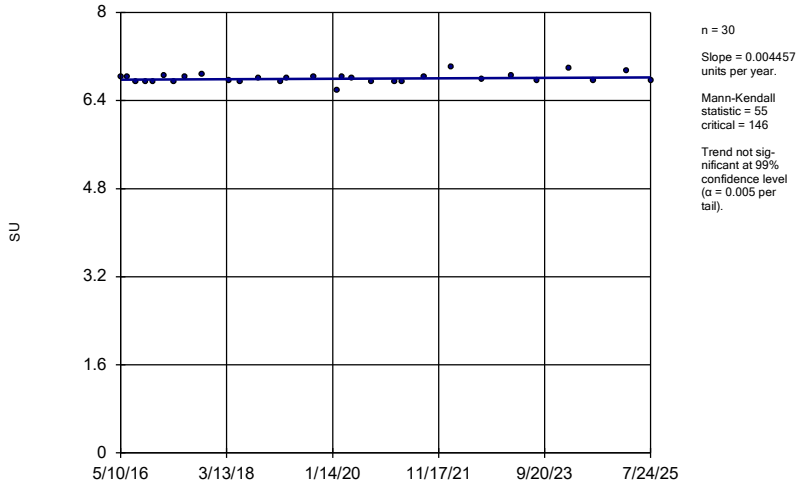
Constituent: pH, Field Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-2 (bg)



n = 30

Slope = 0.004457 units per year.

Mann-Kendall statistic = 55 critical = 146

Trend not significant at 99% confidence level (α = 0.005 per tail).

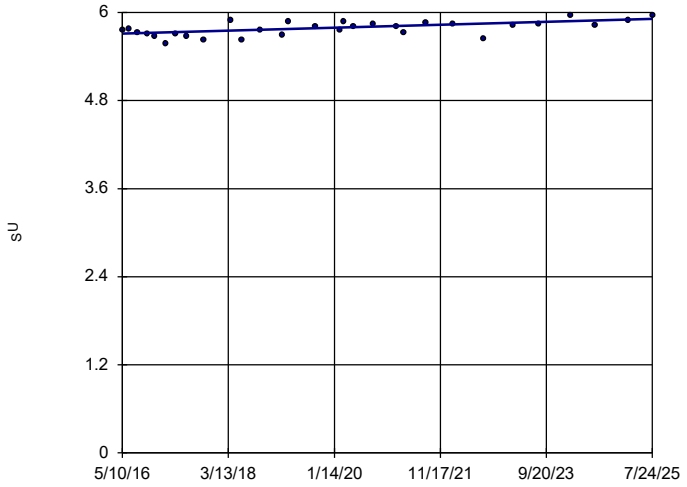
Constituent: pH, Field Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-3 (bg)



n = 30

Slope = 0.02153 units per year.

Mann-Kendall statistic = 175 critical = 146

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

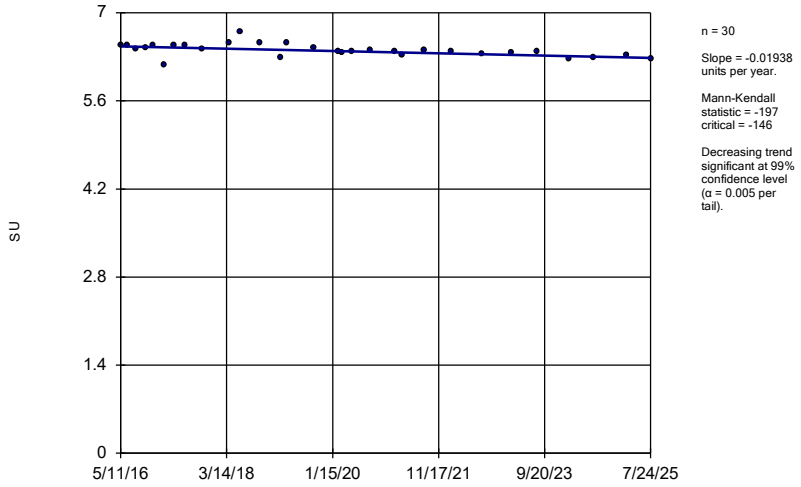
Constituent: pH, Field Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-4 (bg)



n = 30

Slope = -0.01938 units per year.

Mann-Kendall statistic = -197 critical = -146

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

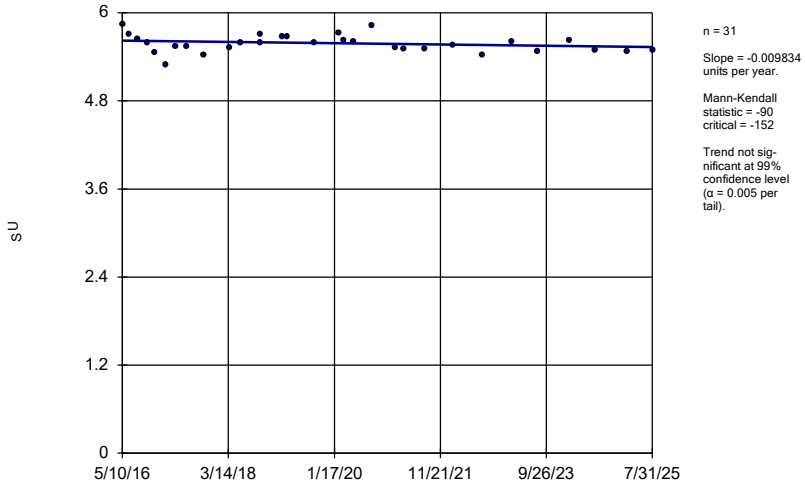
Constituent: pH, Field Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-5 (bg)



n = 31

Slope = -0.009834 units per year.

Mann-Kendall statistic = -90 critical = -152

Trend not significant at 99% confidence level (α = 0.005 per tail).

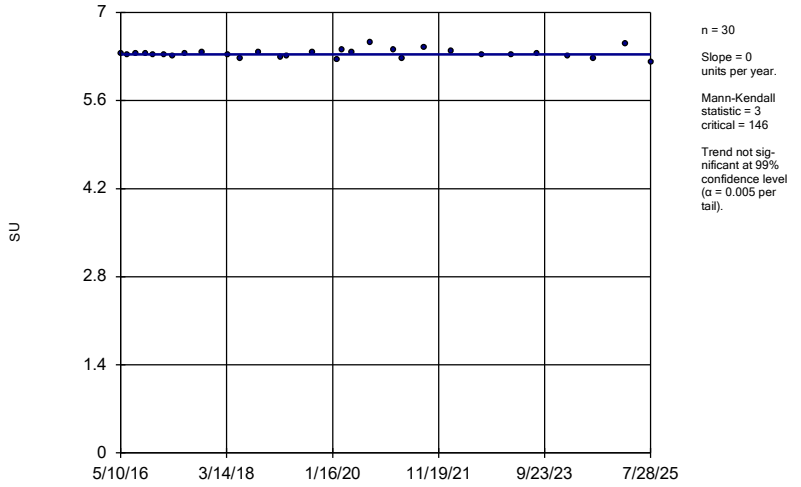
Constituent: pH, Field Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-24 (bg)



n = 30

Slope = 0 units per year.

Mann-Kendall statistic = 3 critical = 146

Trend not significant at 99% confidence level (α = 0.005 per tail).

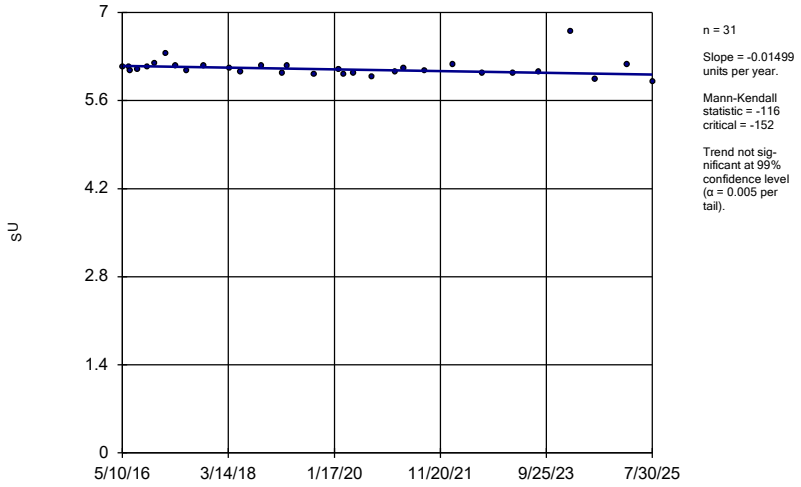
Constituent: pH, Field Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-25 (bg)



n = 31

Slope = -0.01499 units per year.

Mann-Kendall statistic = -116 critical = -152

Trend not significant at 99% confidence level (α = 0.005 per tail).

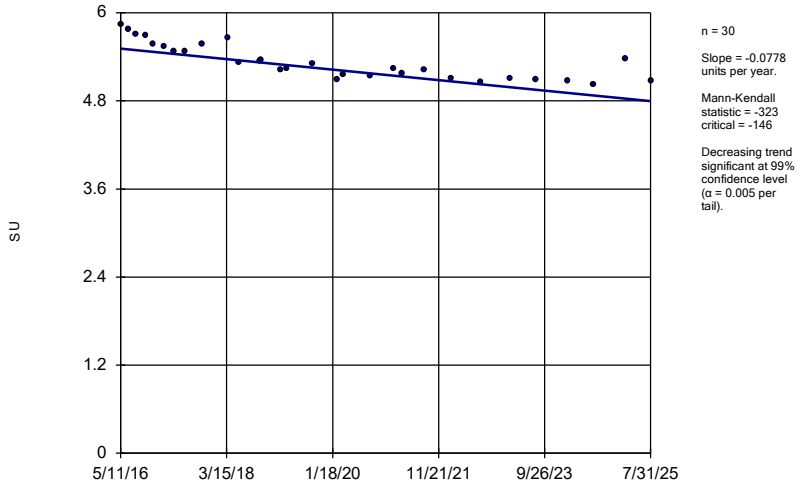
Constituent: pH, Field Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-11



n = 30

Slope = -0.0778 units per year.

Mann-Kendall statistic = -323
critical = -146

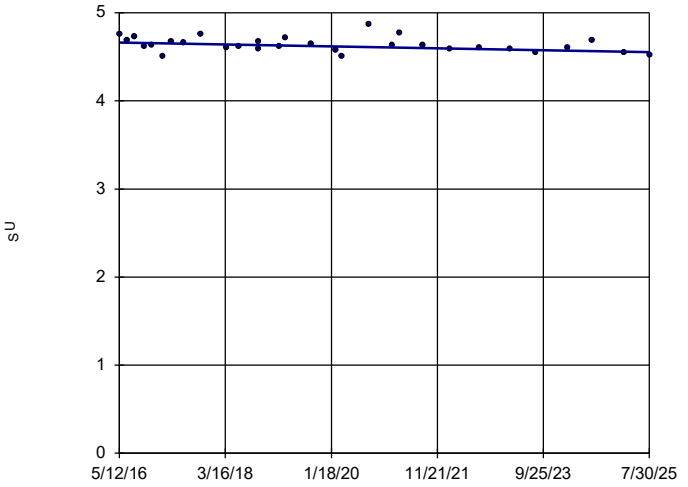
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-15



n = 30

Slope = -0.01174 units per year.

Mann-Kendall statistic = -131
critical = -146

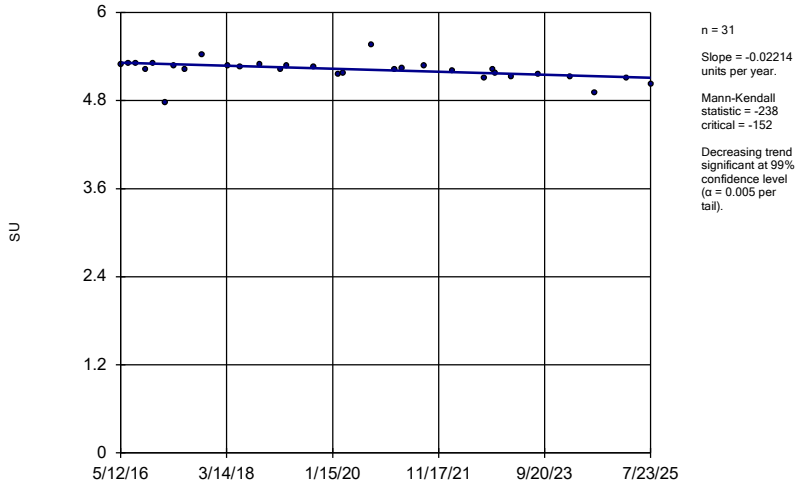
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-16



n = 31

Slope = -0.02214 units per year.

Mann-Kendall statistic = -238
critical = -152

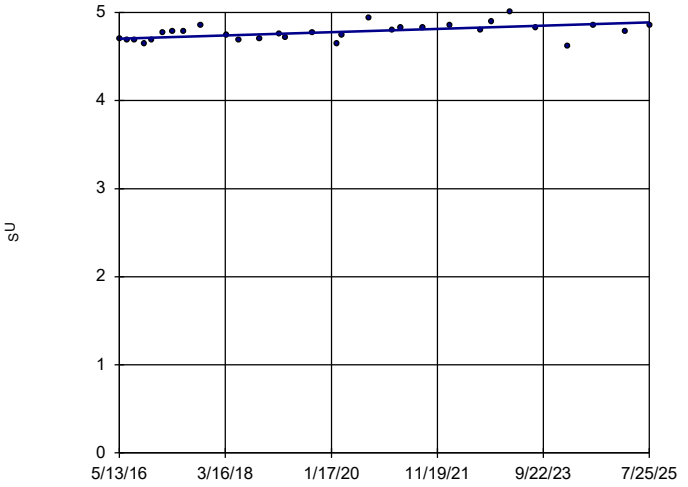
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-18



n = 30

Slope = 0.01998 units per year.

Mann-Kendall statistic = 181
critical = 146

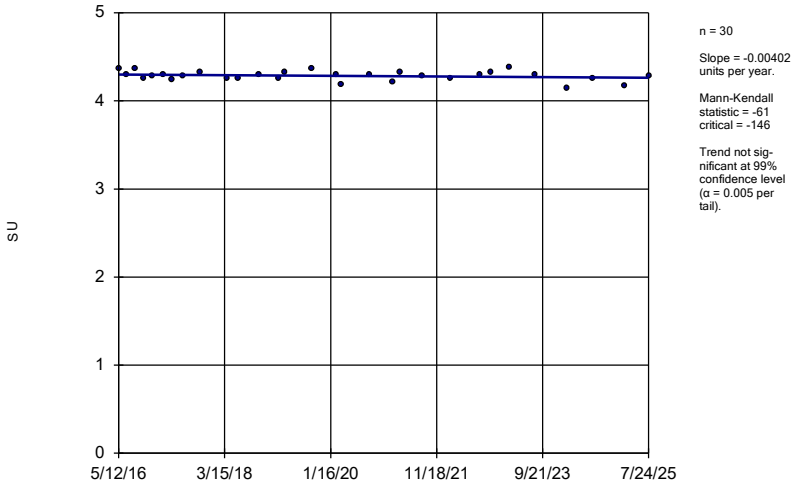
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-20



n = 30

Slope = -0.00402 units per year.

Mann-Kendall statistic = -61
critical = -146

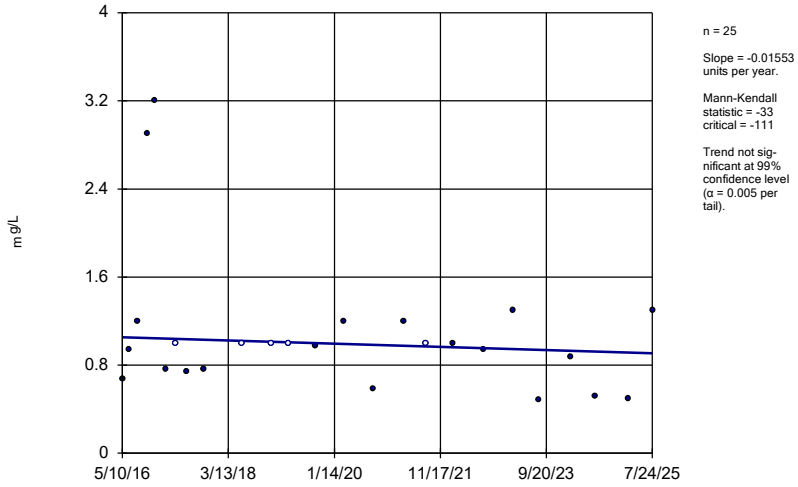
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-1 (bg)



n = 25

Slope = -0.01553 units per year.

Mann-Kendall statistic = -33
critical = -111

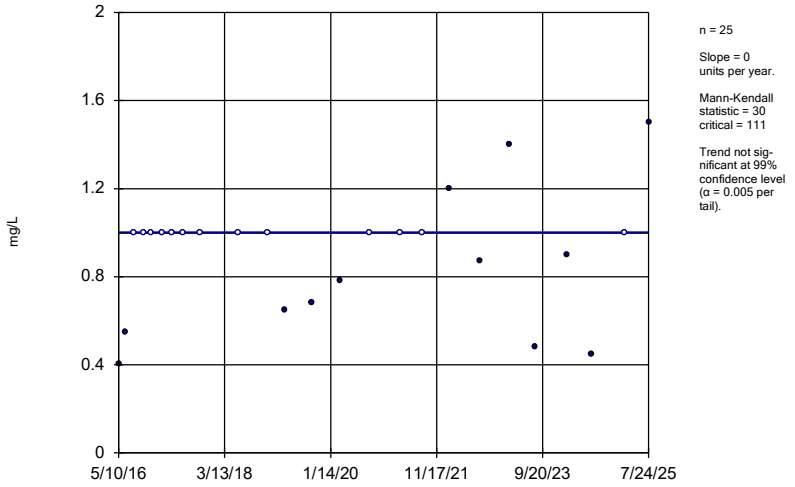
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-2 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 30
critical = 111

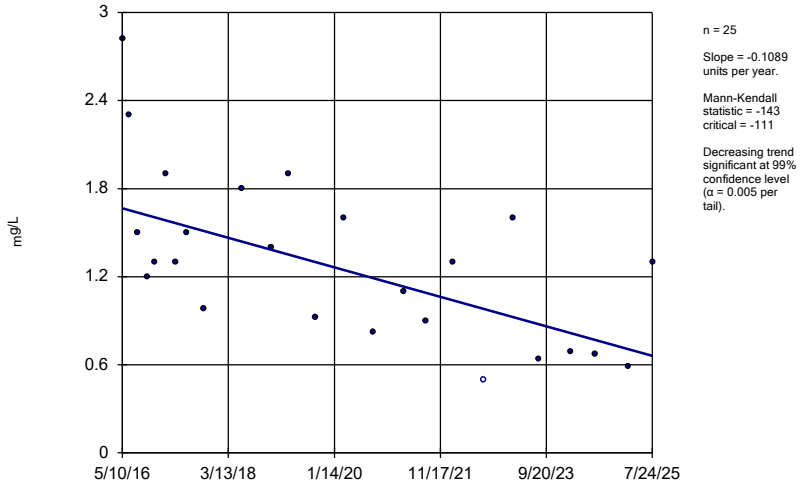
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-3 (bg)



n = 25

Slope = -0.1089 units per year.

Mann-Kendall statistic = -143
critical = -111

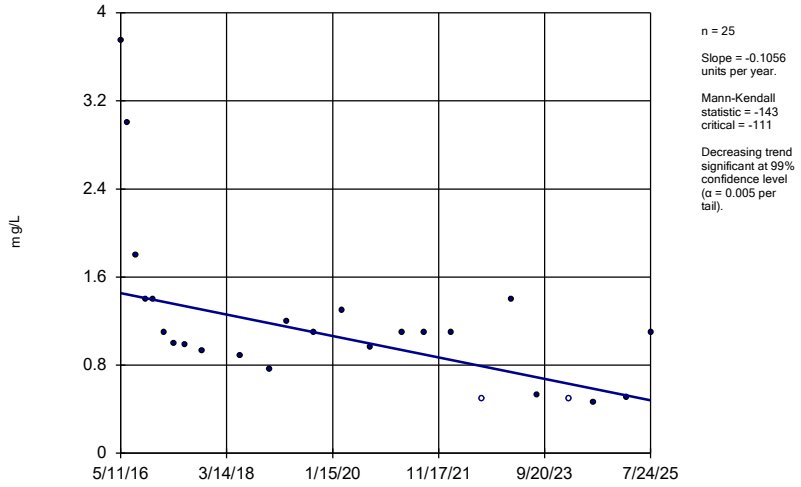
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-4 (bg)



n = 25

Slope = -0.1056 units per year.

Mann-Kendall statistic = -143
critical = -111

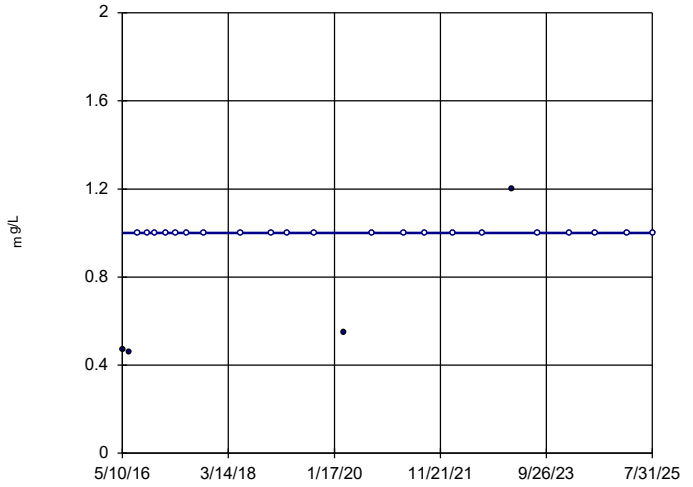
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-5 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 56
critical = 111

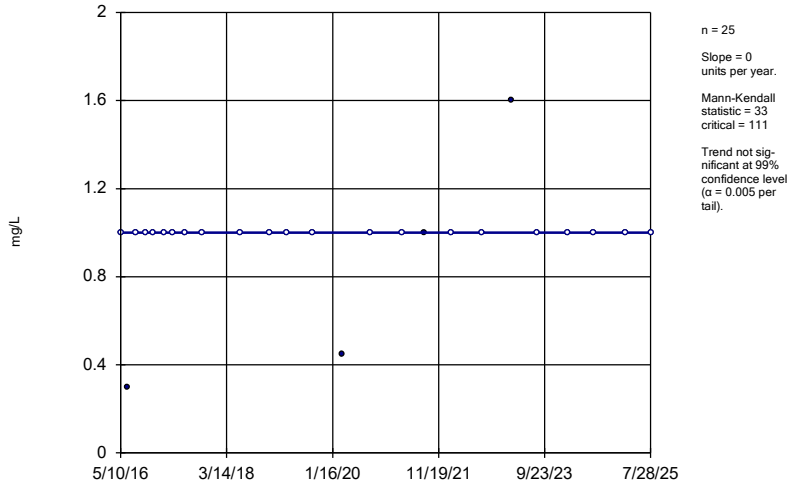
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-24 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 33
critical = 111

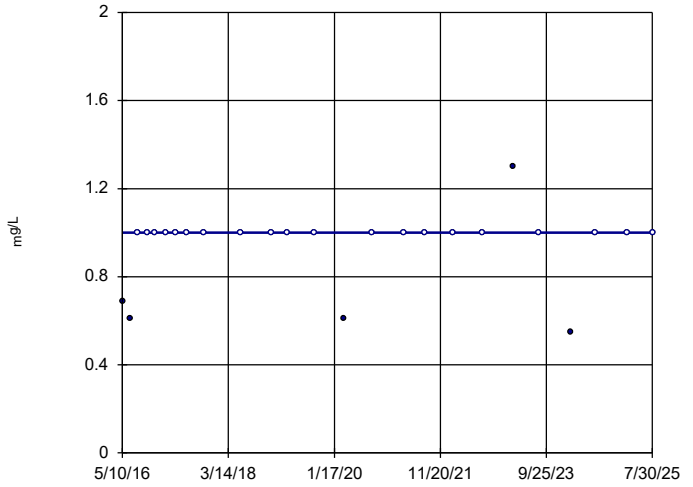
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-25 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 33
critical = 111

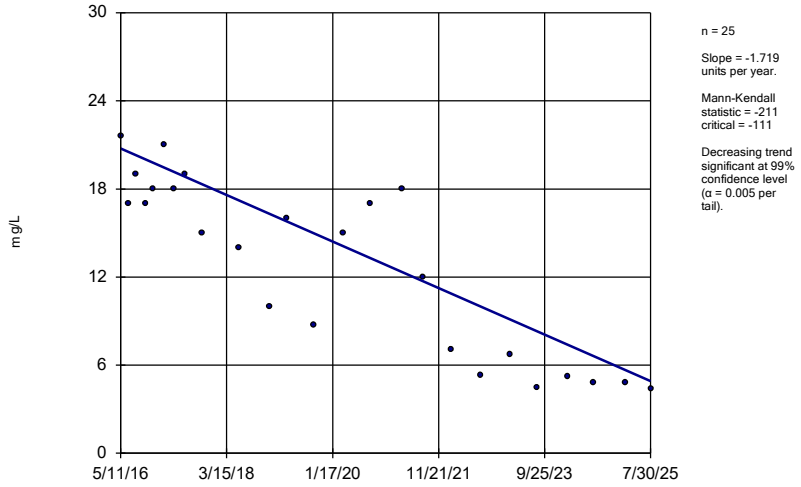
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-7



n = 25

Slope = -1.719 units per year.

Mann-Kendall statistic = -211 critical = -111

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

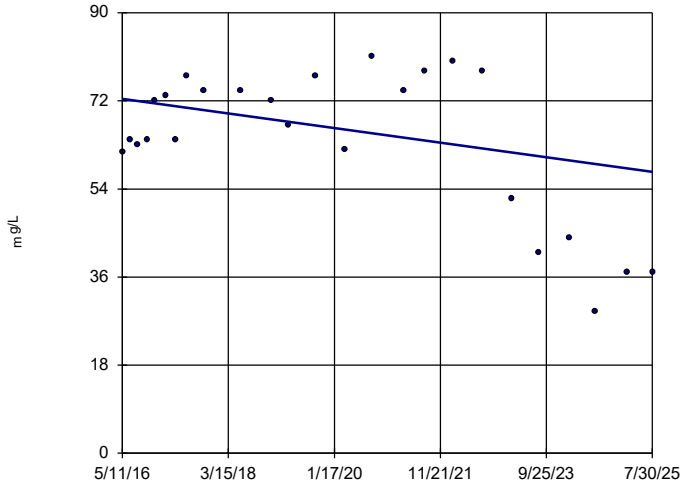
Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-8



n = 25

Slope = -1.622 units per year.

Mann-Kendall statistic = -28 critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

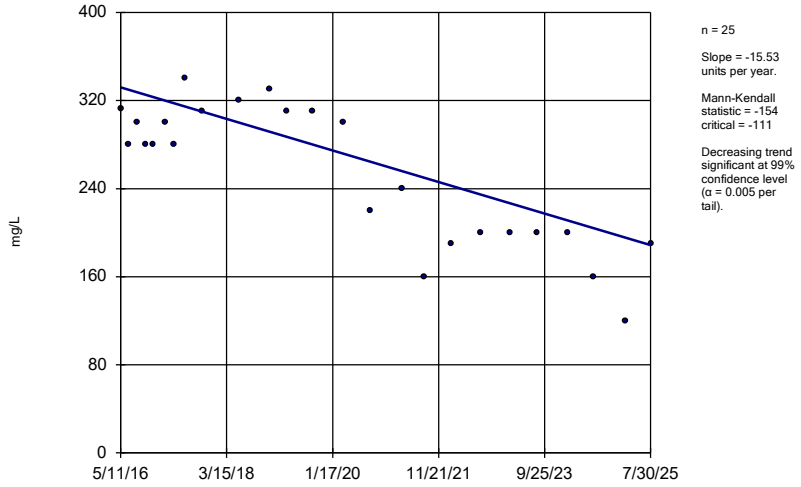
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-9



n = 25

Slope = -15.53 units per year.

Mann-Kendall statistic = -154 critical = -111

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

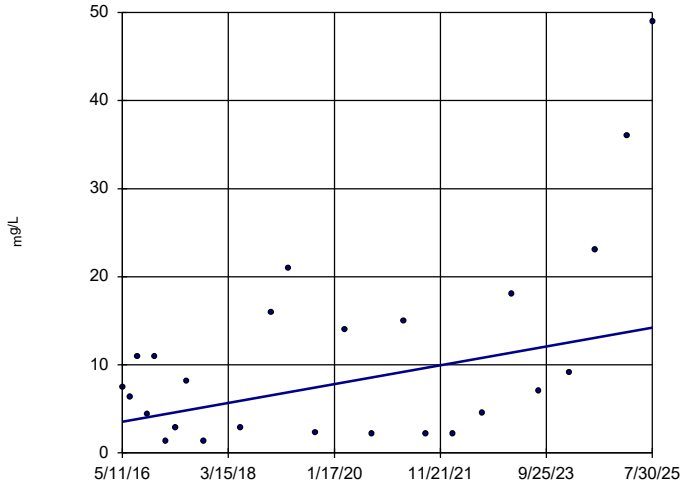
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-10



n = 25

Slope = 1.159 units per year.

Mann-Kendall statistic = 79 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

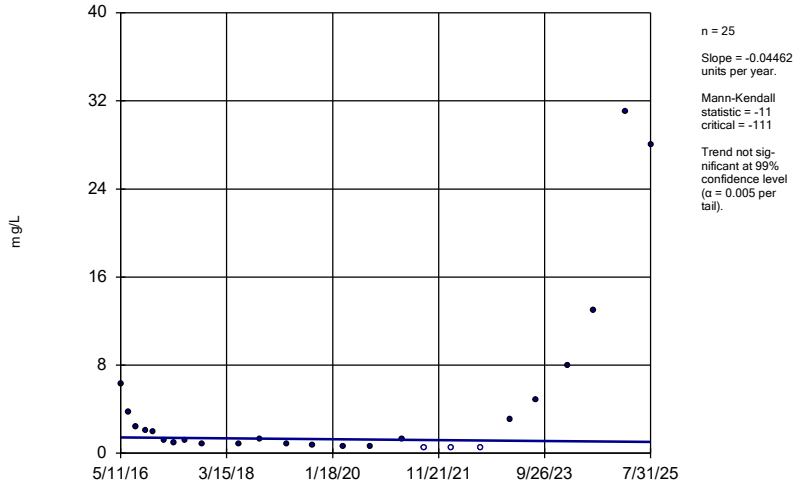
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWC-11



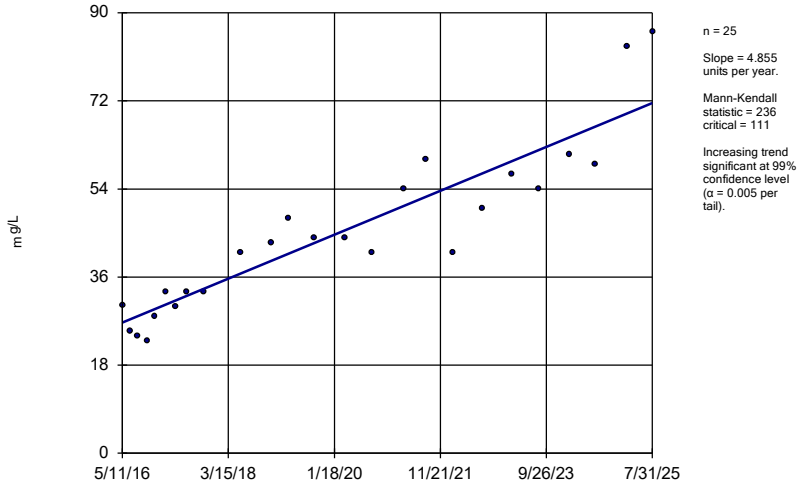
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-12



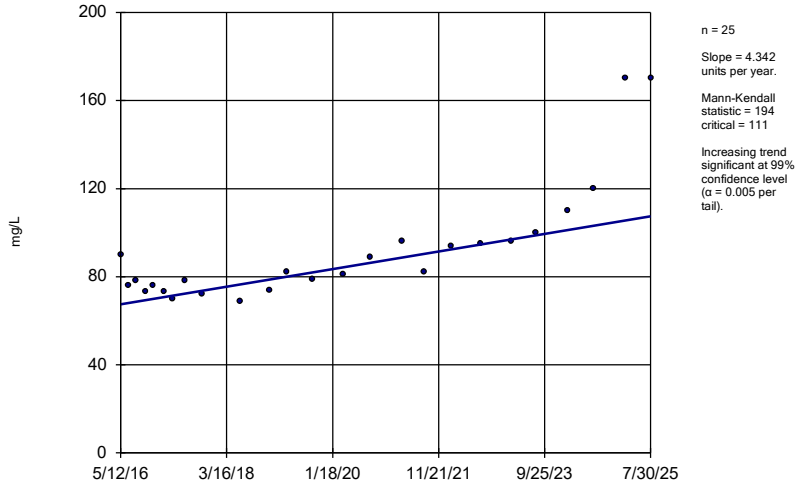
Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-13



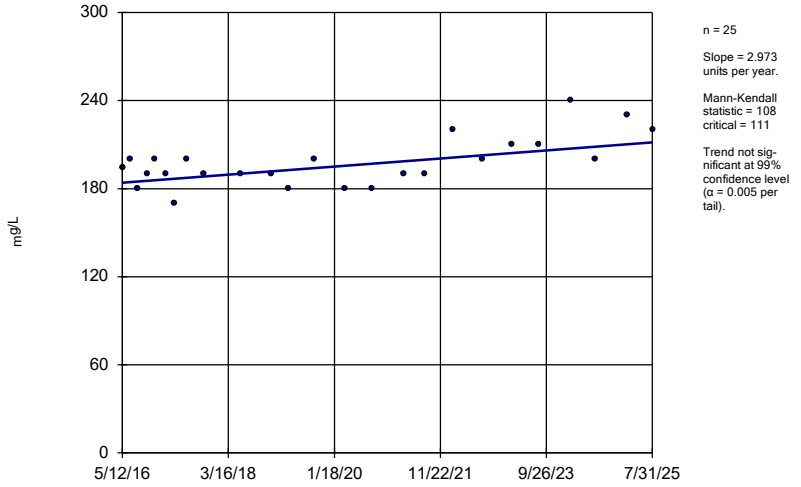
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-14



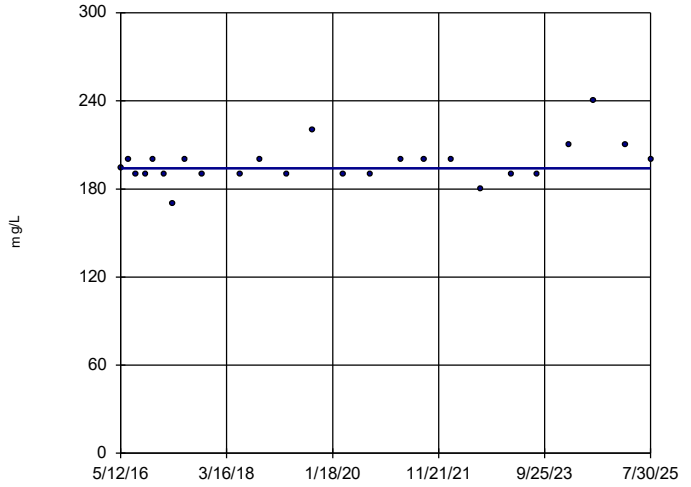
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-15



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 60 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

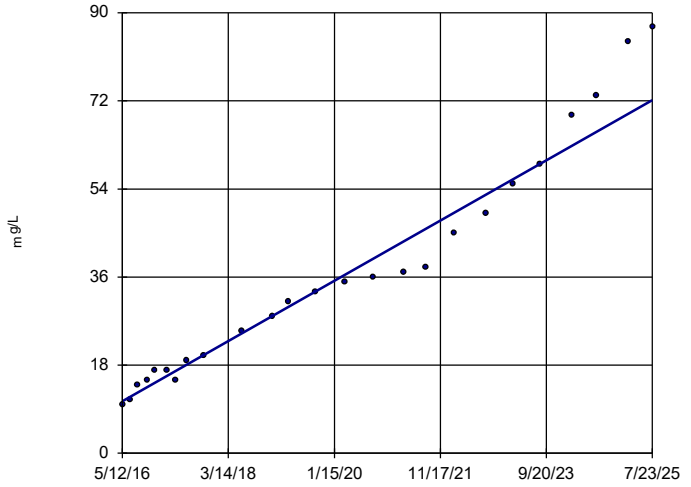
Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-16



n = 25

Slope = 6.687 units per year.

Mann-Kendall statistic = 294 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

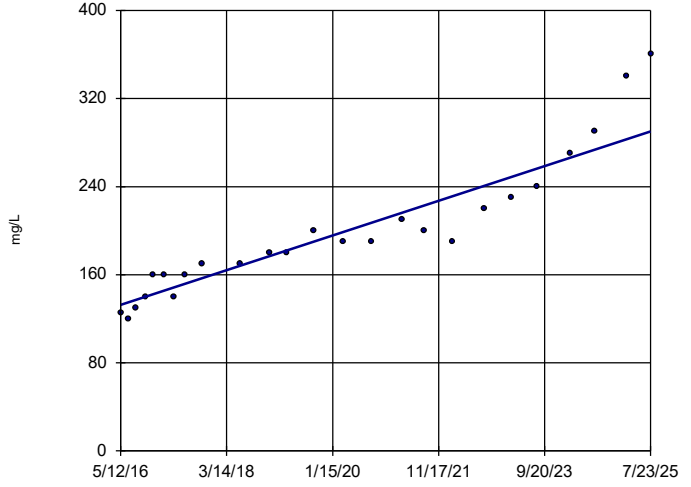
Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-17



n = 25

Slope = 17.12 units per year.

Mann-Kendall statistic = 272 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

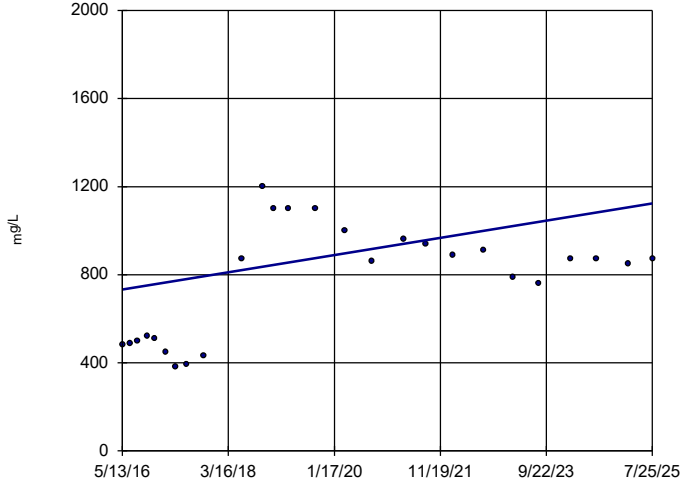
Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-18



n = 26

Slope = 42.53 units per year.

Mann-Kendall statistic = 66 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

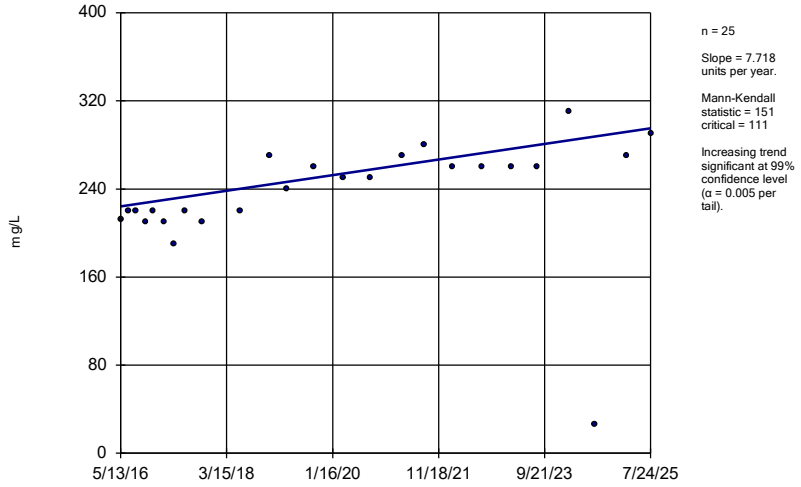
Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-19



n = 25

Slope = 7.718 units per year.

Mann-Kendall statistic = 151 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

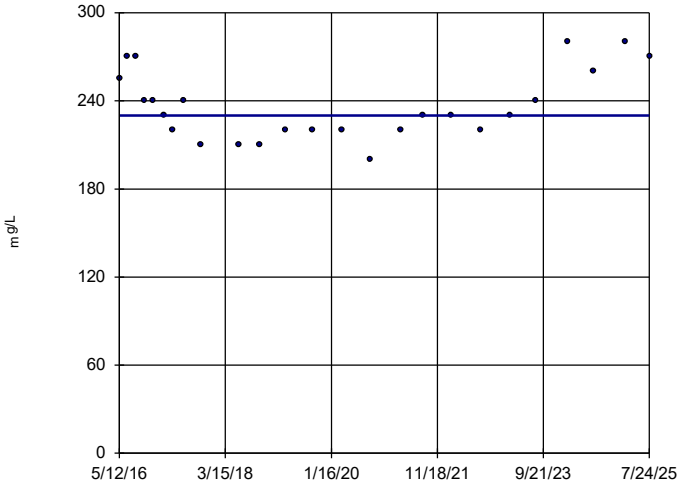
Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-20



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 24 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

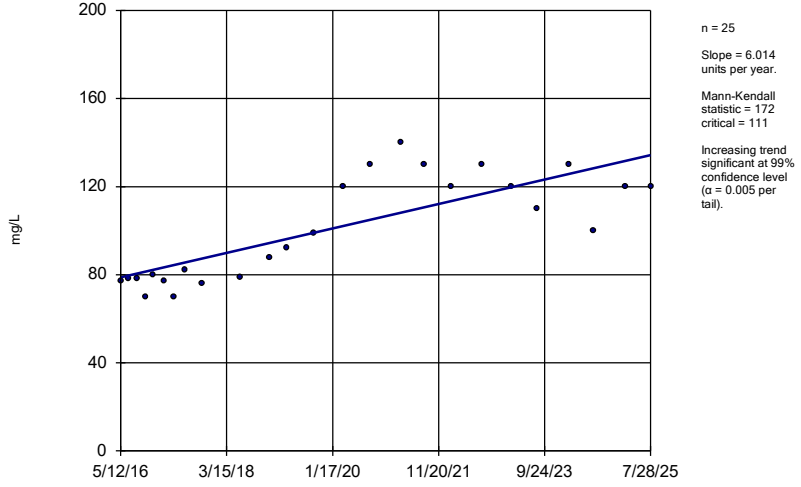
Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-21



n = 25

Slope = 6.014 units per year.

Mann-Kendall statistic = 172 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

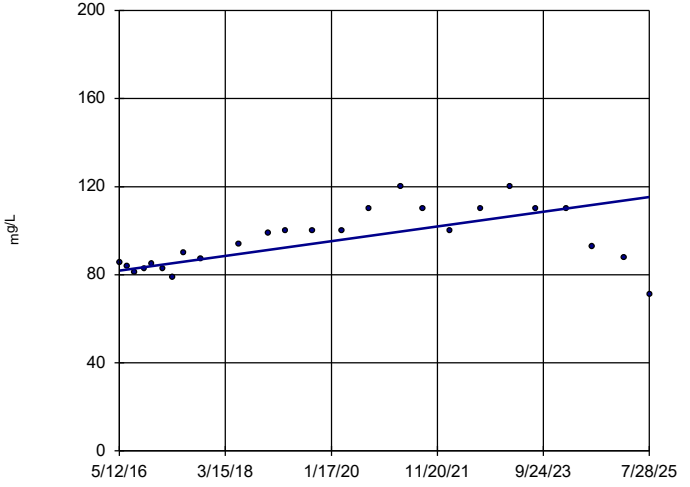
Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-22



n = 25

Slope = 3.632 units per year.

Mann-Kendall statistic = 128 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

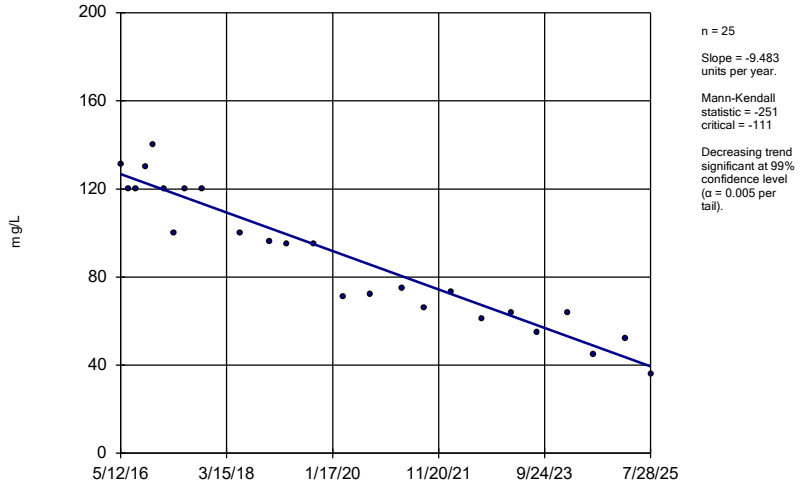
Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-23



n = 25

Slope = -9.483 units per year.

Mann-Kendall statistic = -251 critical = -111

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

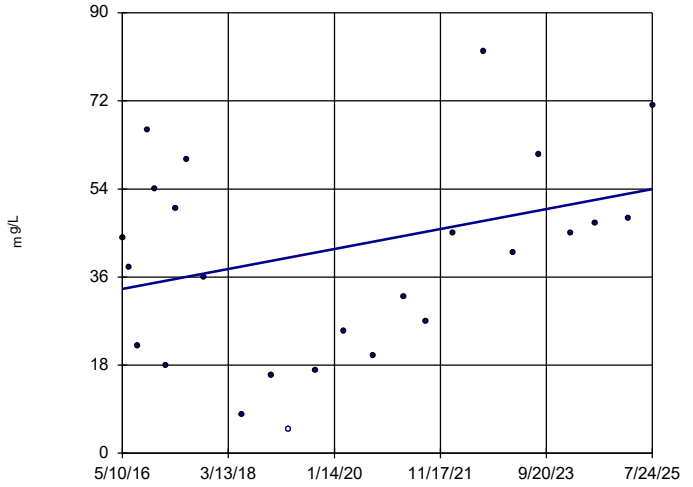
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-1 (bg)



n = 25

Slope = 2.214 units per year.

Mann-Kendall statistic = 61 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

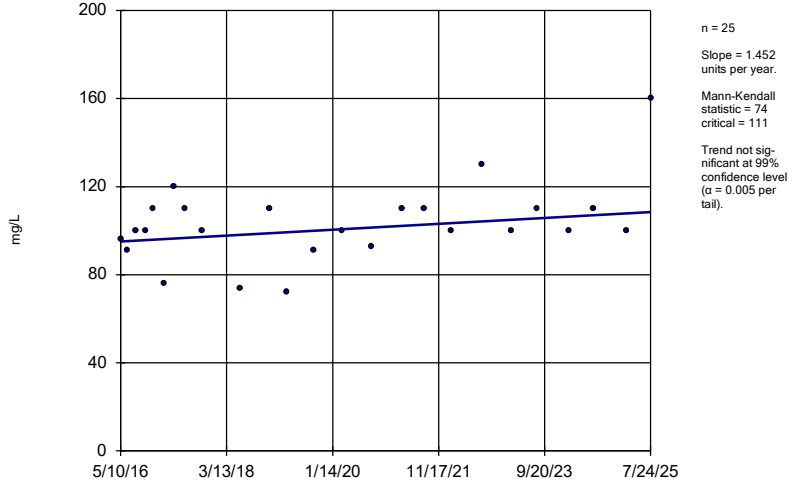
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-2 (bg)



n = 25

Slope = 1.452 units per year.

Mann-Kendall statistic = 74 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

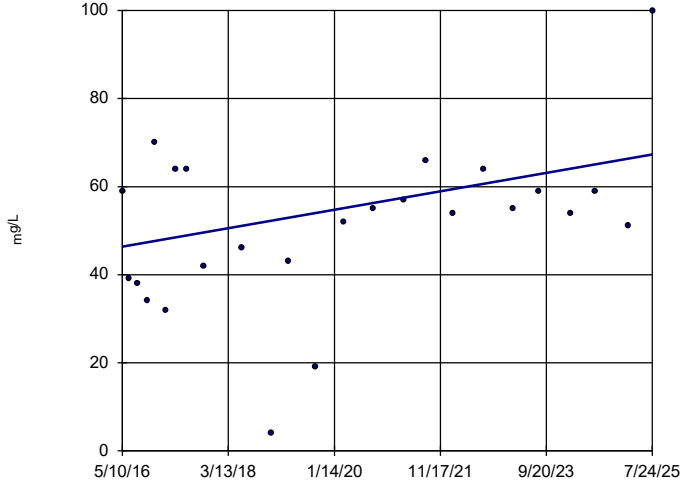
Constituent: TDS Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-3 (bg)



n = 25

Slope = 2.276 units per year.

Mann-Kendall statistic = 72 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

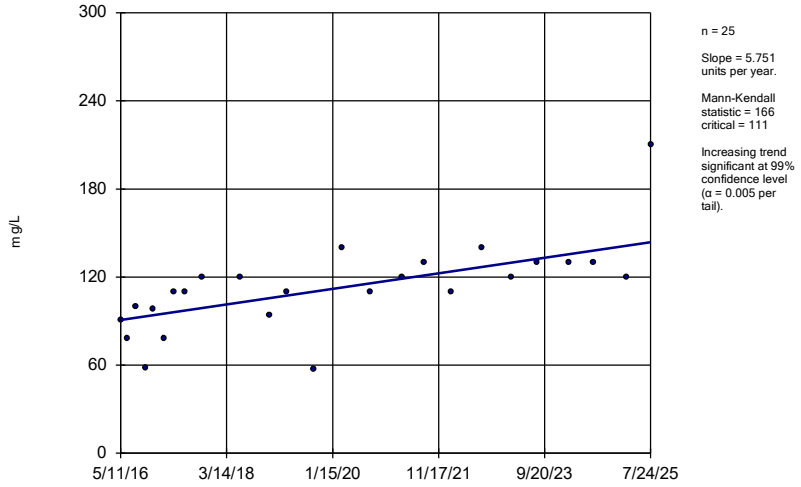
Constituent: TDS Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-4 (bg)



n = 25

Slope = 5.751 units per year.

Mann-Kendall statistic = 166 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

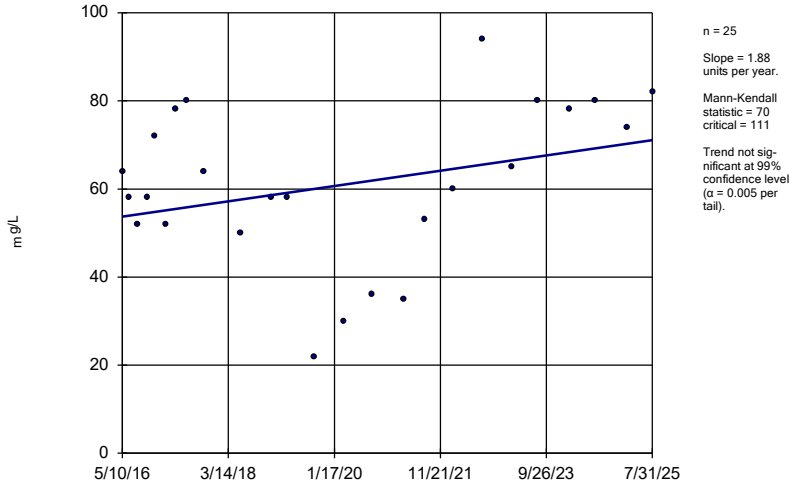
Constituent: TDS Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-5 (bg)



n = 25

Slope = 1.88 units per year.

Mann-Kendall statistic = 70 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

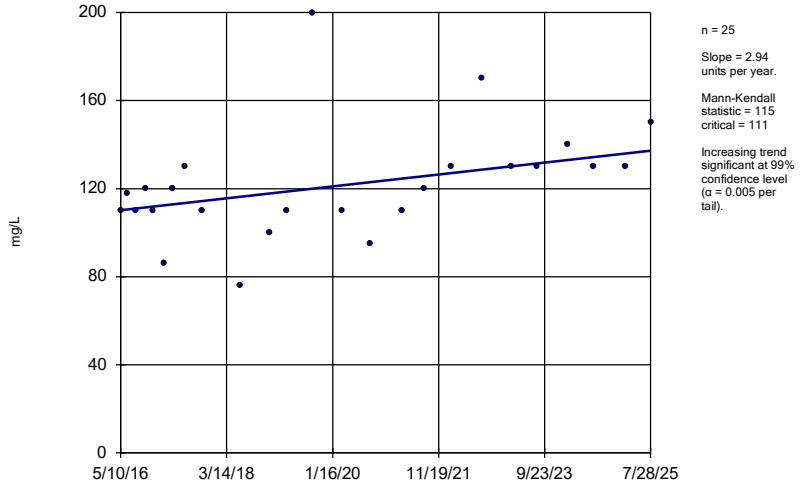
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Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-24 (bg)



n = 25

Slope = 2.94 units per year.

Mann-Kendall statistic = 115 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

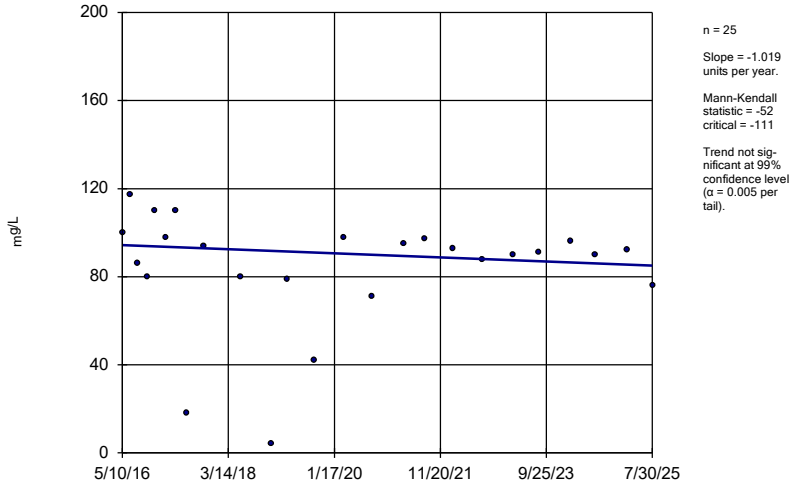
Constituent: TDS Analysis Run 9/8/2025 11:30 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWA-25 (bg)



n = 25

Slope = -1.019 units per year.

Mann-Kendall statistic = -52 critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

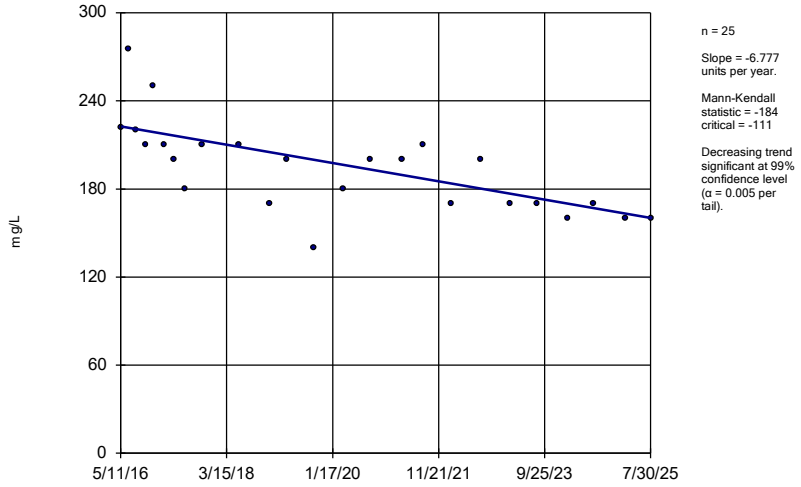
Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-7



n = 25

Slope = -6.777 units per year.

Mann-Kendall statistic = -184
critical = -111

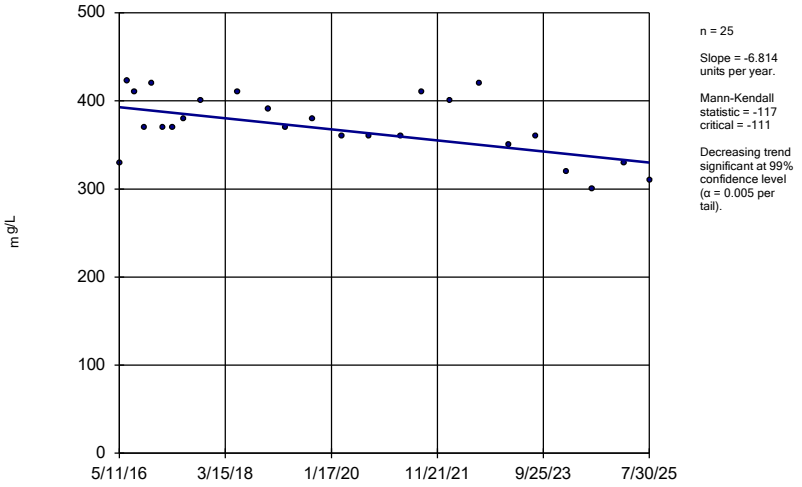
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-8



n = 25

Slope = -6.814 units per year.

Mann-Kendall statistic = -117
critical = -111

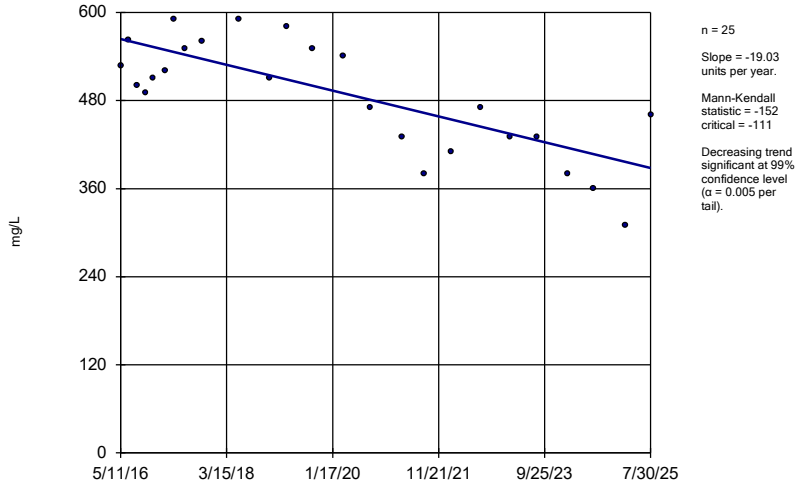
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-9



n = 25

Slope = -19.03 units per year.

Mann-Kendall statistic = -152
critical = -111

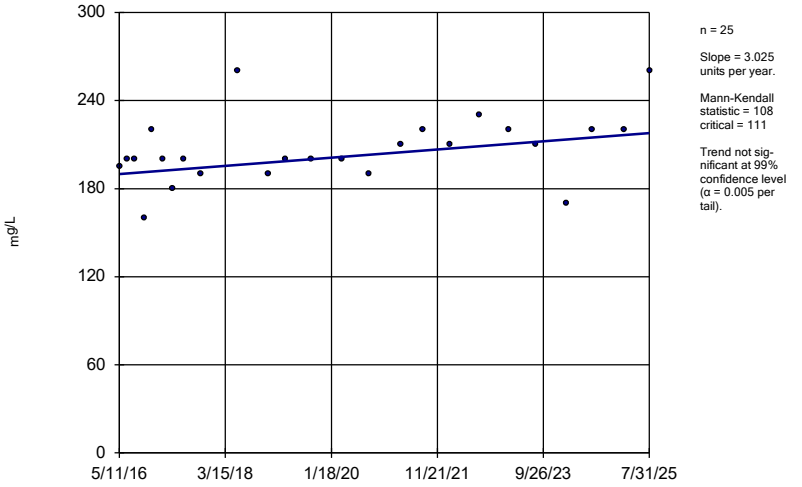
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-12



n = 25

Slope = 3.025 units per year.

Mann-Kendall statistic = 108
critical = 111

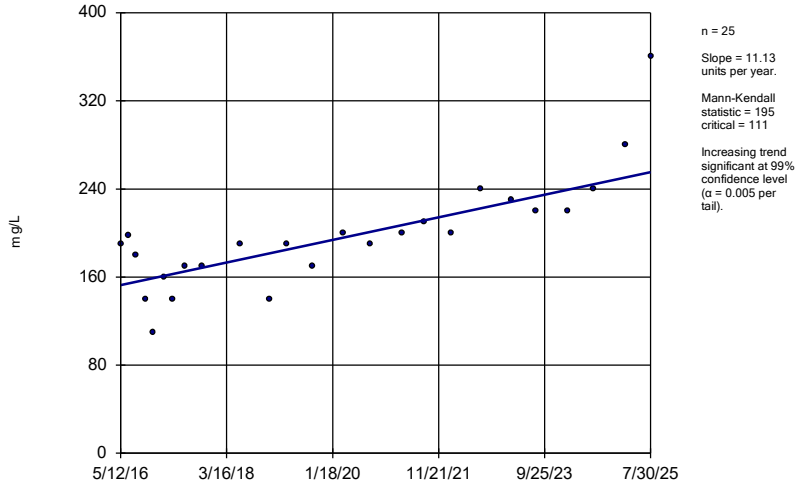
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-13



n = 25

Slope = 11.13 units per year.

Mann-Kendall statistic = 195 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

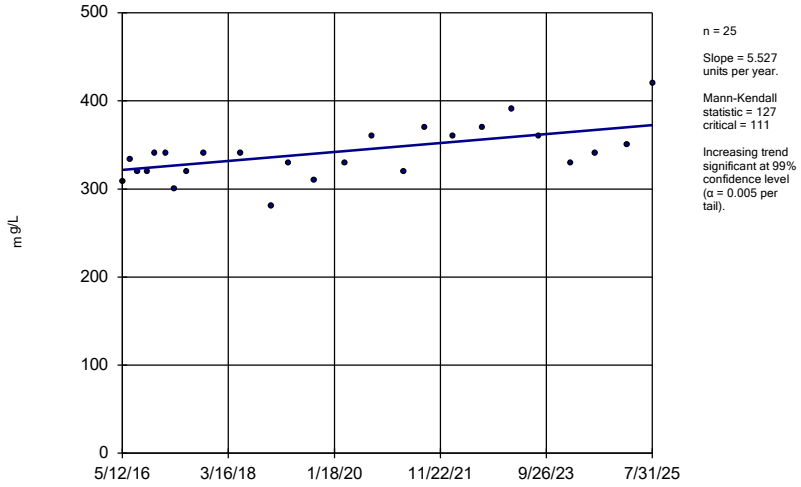
Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-14



n = 25

Slope = 5.527 units per year.

Mann-Kendall statistic = 127 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

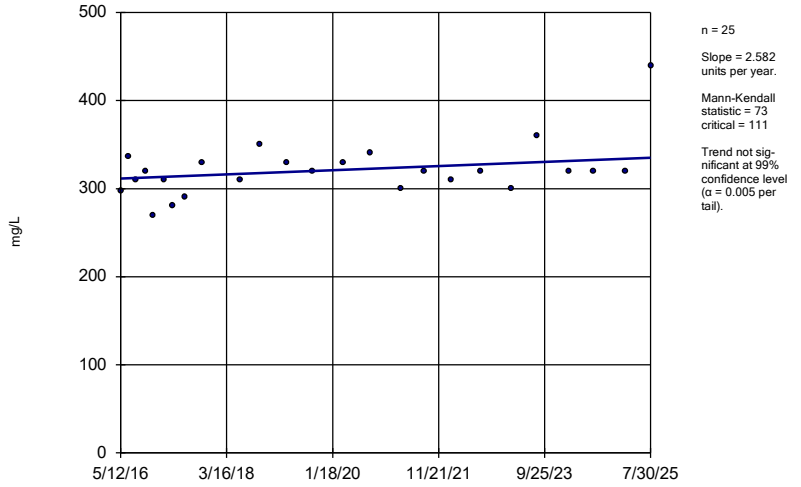
Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-15



n = 25

Slope = 2.582 units per year.

Mann-Kendall statistic = 73 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

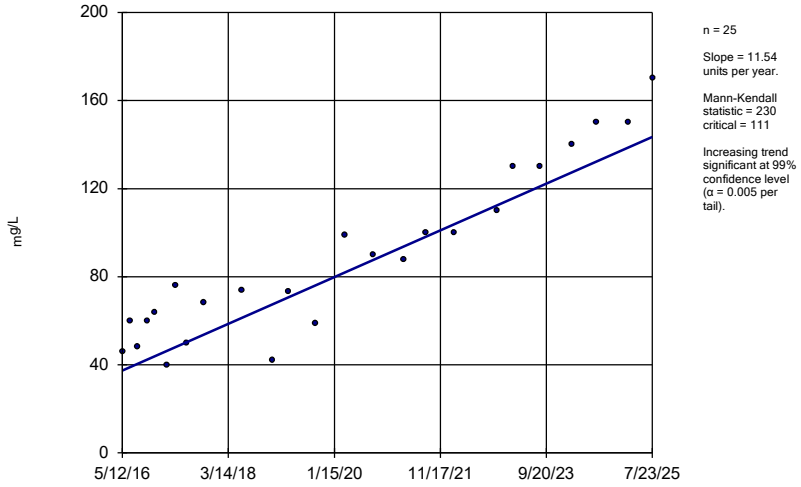
Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-16



n = 25

Slope = 11.54 units per year.

Mann-Kendall statistic = 230 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

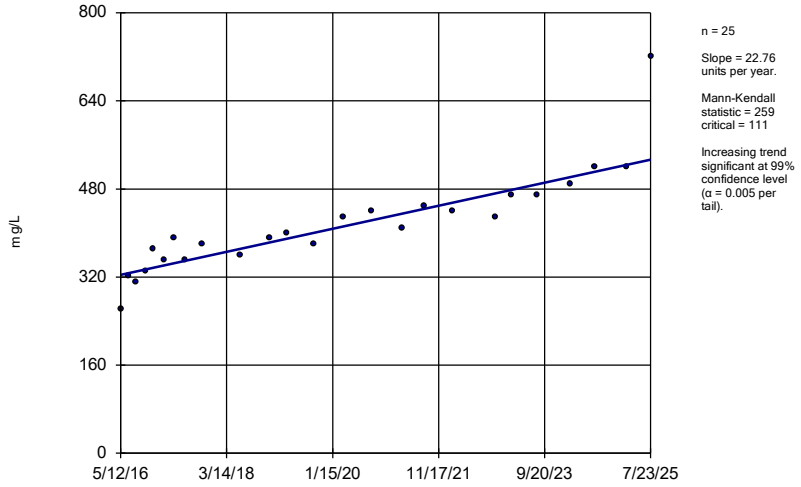
Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-17



n = 25

Slope = 22.76 units per year.

Mann-Kendall statistic = 259 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

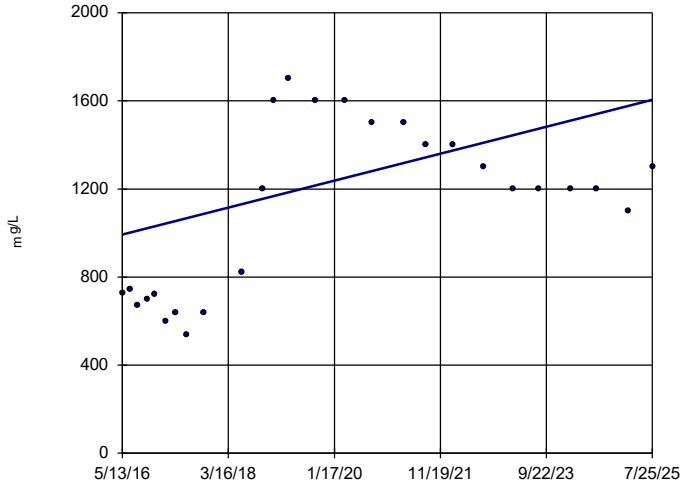
Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-18



n = 26

Slope = 66.41 units per year.

Mann-Kendall statistic = 76 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

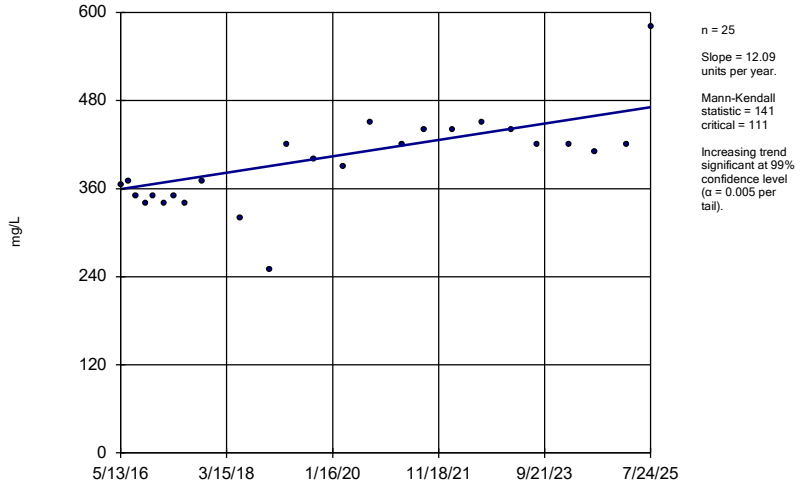
Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-19



n = 25

Slope = 12.09 units per year.

Mann-Kendall statistic = 141 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

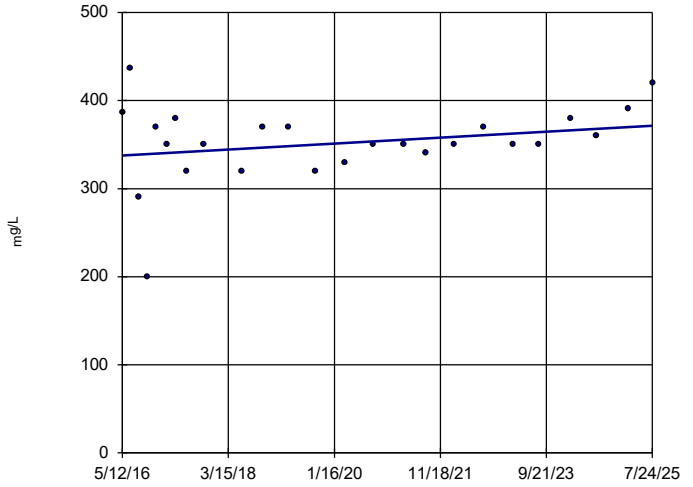
Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-20



n = 25

Slope = 3.64 units per year.

Mann-Kendall statistic = 57 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

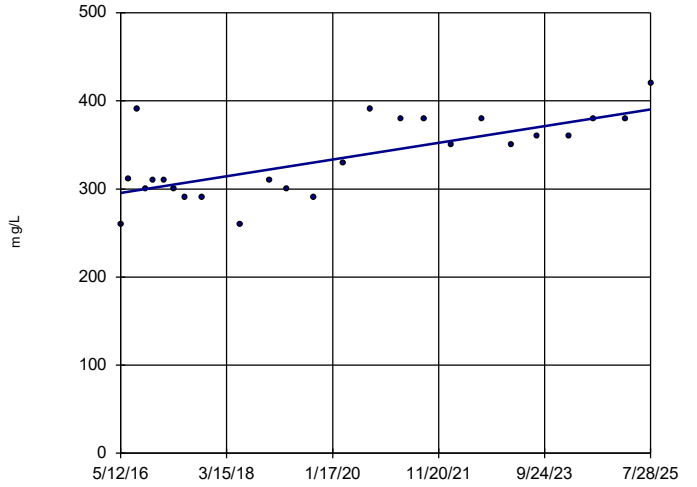
Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-21



n = 25

Slope = 10.3 units per year.

Mann-Kendall statistic = 127
critical = 111

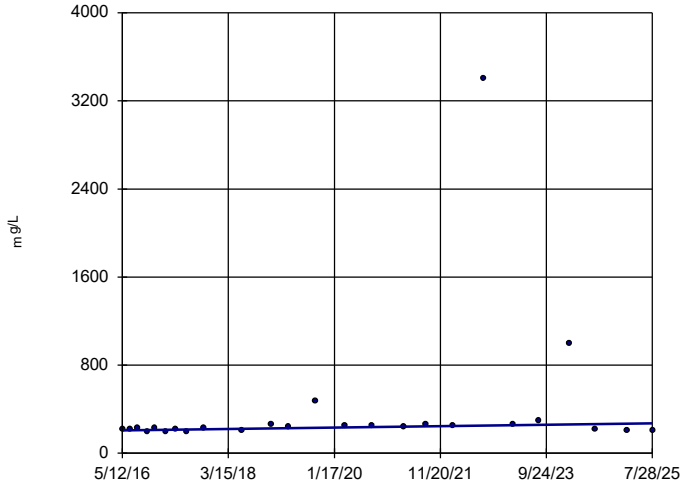
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-22



n = 25

Slope = 6.885 units per year.

Mann-Kendall statistic = 101
critical = 111

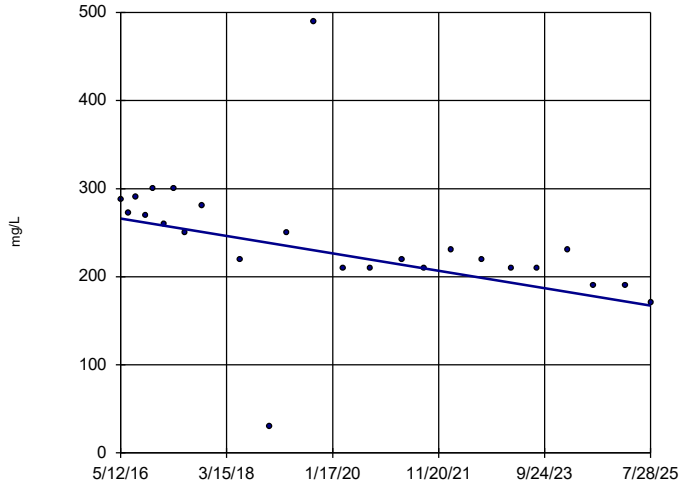
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-23



n = 25

Slope = -10.71 units per year.

Mann-Kendall statistic = -165
critical = -111

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/8/2025 11:31 AM View: Appendix III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

FIGURE F.

Cobalt SGWA-1 & SGWA-25 Trend Tests - All/Significant Results

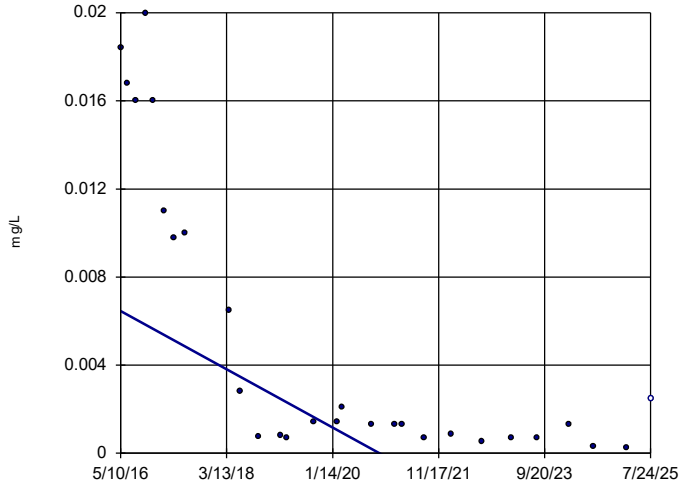
Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/24/2025, 11:20 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	**SGWA-1 (bg)**	**-0.001435**	**-253**	**-101**	**Yes**	**28**	**3.571**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWA-25 (bg)**	**-0.001423**	**-201**	**-101**	**Yes**	**28**	**17.86**	**n/a**	**n/a**	**0.05**	**NP**

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-1 (bg)



n = 28

Slope = -0.001435 units per year.

Mann-Kendall statistic = -253
critical = -101

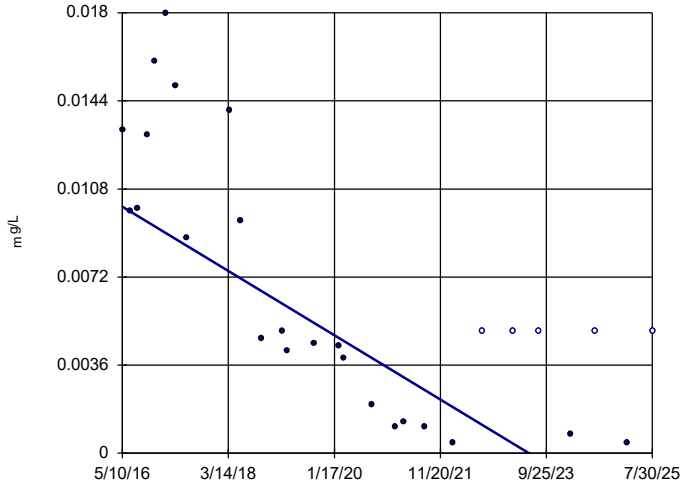
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 9/24/2025 11:19 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-25 (bg)



n = 28

Slope = -0.001423 units per year.

Mann-Kendall statistic = -201
critical = -101

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 9/24/2025 11:19 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

Cobalt SGWA-1 & SGWA-25 Trend Tests - Truncated Record - All Results (No Significant)

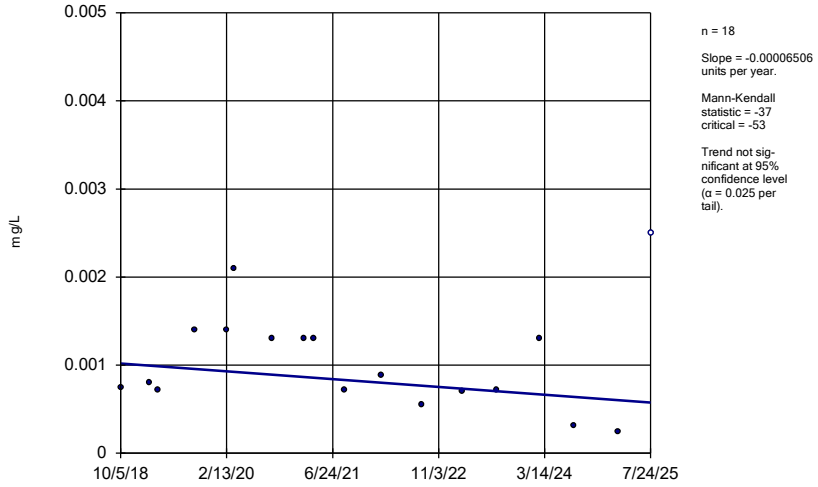
Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/24/2025, 11:18 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	SGWA-1 (bg)	-0.00006506	-37	-53	No	18	5.556	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWA-25 (bg)	0	6	30	No	12	41.67	n/a	n/a	0.05	NP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-1 (bg)



n = 18

Slope = -0.00006506 units per year.

Mann-Kendall statistic = -37
critical = -53

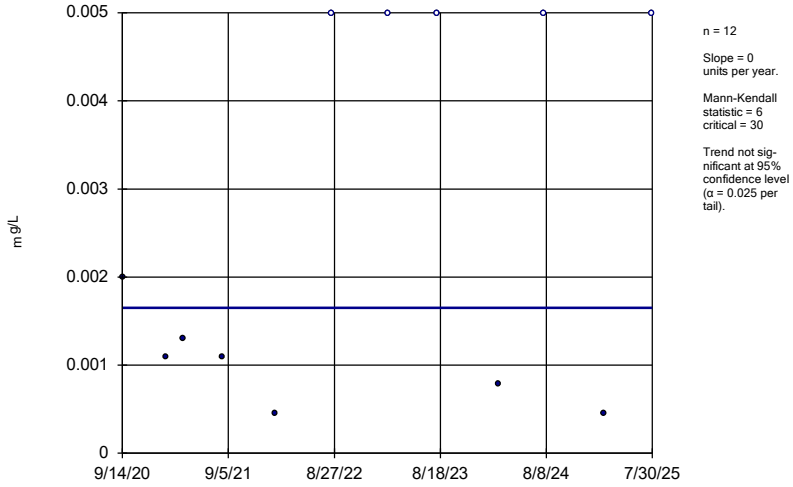
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 9/24/2025 11:16 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-25 (bg)



n = 12

Slope = 0 units per year.

Mann-Kendall statistic = 6
critical = 30

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 9/24/2025 11:17 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

FIGURE G.

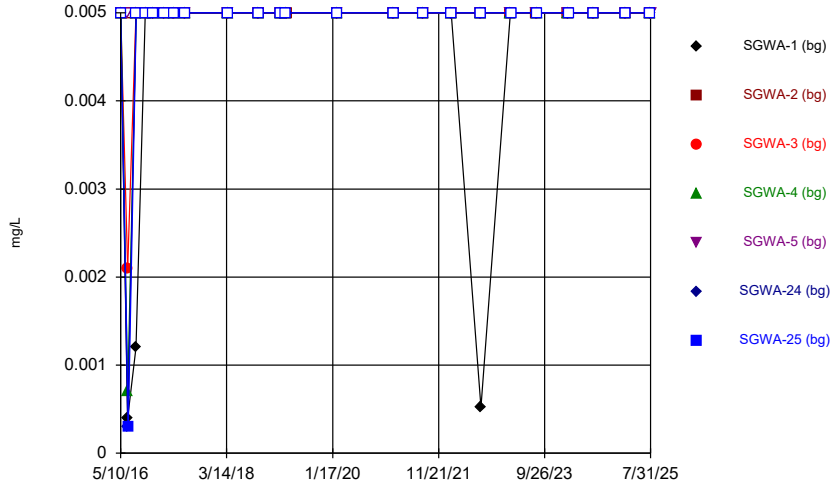
Upper Tolerance Limits Summary Table

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/24/2025, 10:19 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony (mg/L)	n/a	0.005	n/a	n/a	n/a	161	95.65	n/a	0.0002591	NP Inter(NDs)
Arsenic (mg/L)	n/a	0.005	n/a	n/a	n/a	196	88.78	n/a	NaN	NP Inter(NDs)
Barium (mg/L)	n/a	0.091	n/a	n/a	n/a	196	0	n/a	NaN	NP Inter(normality)
Beryllium (mg/L)	n/a	0.001	n/a	n/a	n/a	196	91.84	n/a	NaN	NP Inter(NDs)
Cadmium (mg/L)	n/a	0.0011	n/a	n/a	n/a	189	98.94	n/a	NaN	NP Inter(NDs)
Chromium (mg/L)	n/a	0.028	n/a	n/a	n/a	203	24.14	n/a	NaN	NP Inter(normality)
Cobalt (mg/L)	n/a	0.005	n/a	n/a	n/a	170	78.24	n/a	0.0001633	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	n/a	1.66	n/a	n/a	n/a	196	0	n/a	NaN	NP Inter(normality)
Fluoride (mg/L)	n/a	0.2	n/a	n/a	n/a	202	56.93	n/a	NaN	NP Inter(NDs)
Lead (mg/L)	n/a	0.001	n/a	n/a	n/a	196	94.39	n/a	NaN	NP Inter(NDs)
Lithium (mg/L)	n/a	0.02	n/a	n/a	n/a	196	85.2	n/a	NaN	NP Inter(NDs)
Mercury (mg/L)	n/a	0.0005	n/a	n/a	n/a	198	93.43	n/a	NaN	NP Inter(NDs)
Molybdenum (mg/L)	n/a	0.005	n/a	n/a	n/a	189	92.59	n/a	NaN	NP Inter(NDs)
Selenium (mg/L)	n/a	0.005	n/a	n/a	n/a	196	93.37	n/a	NaN	NP Inter(NDs)
Thallium (mg/L)	n/a	0.001	n/a	n/a	n/a	196	93.37	n/a	NaN	NP Inter(NDs)

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Hollow symbols indicate censored values.

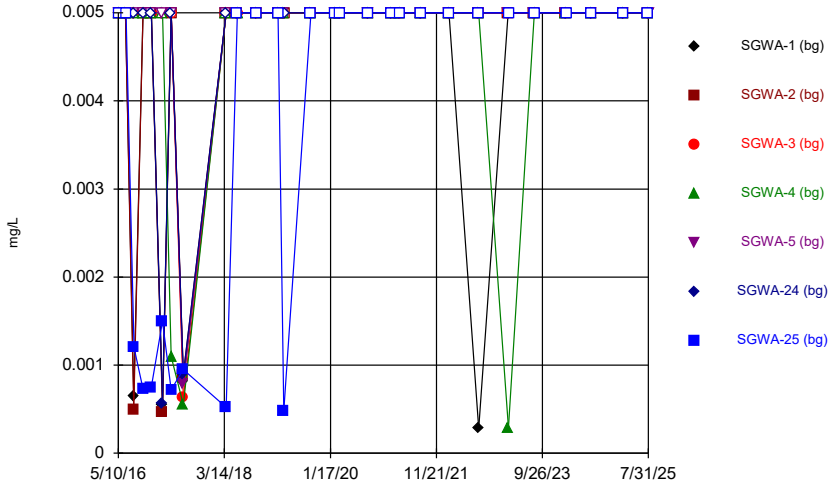
Time Series



Constituent: Antimony Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

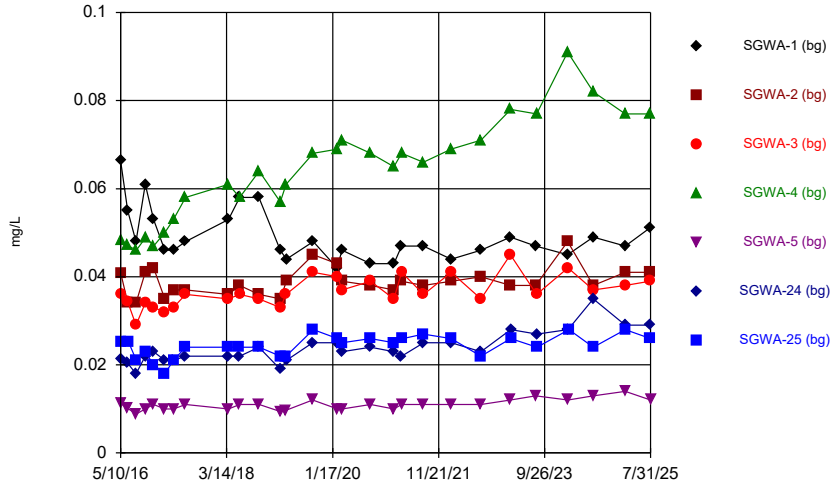
Time Series



Constituent: Arsenic Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

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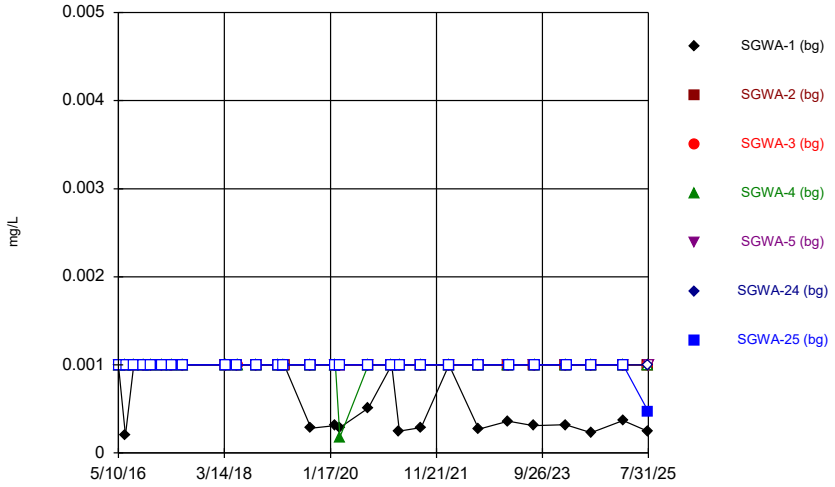
Time Series



Constituent: Barium Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

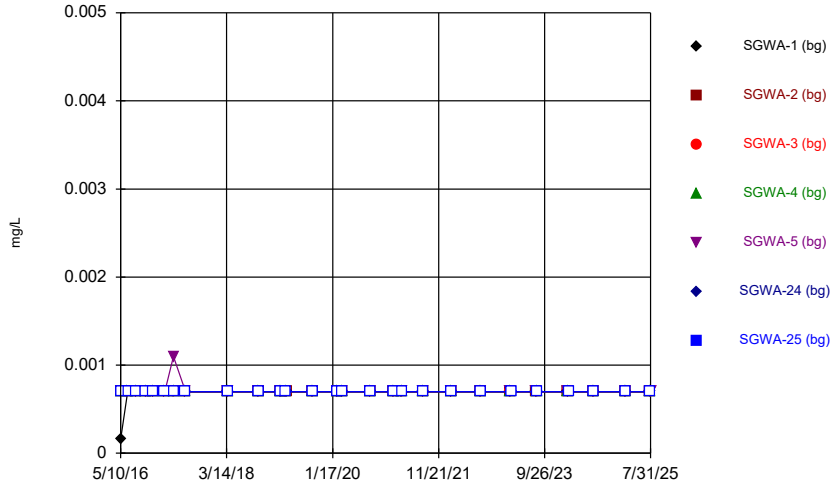
Time Series



Constituent: Beryllium Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

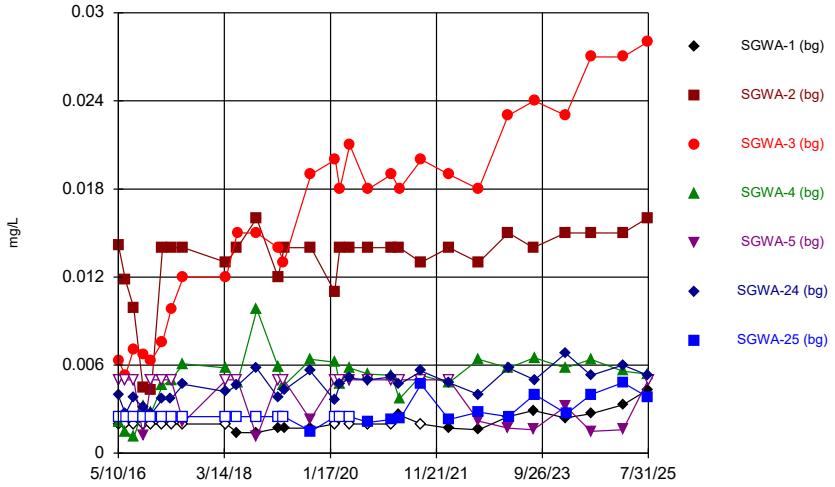
Time Series



Constituent: Cadmium Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

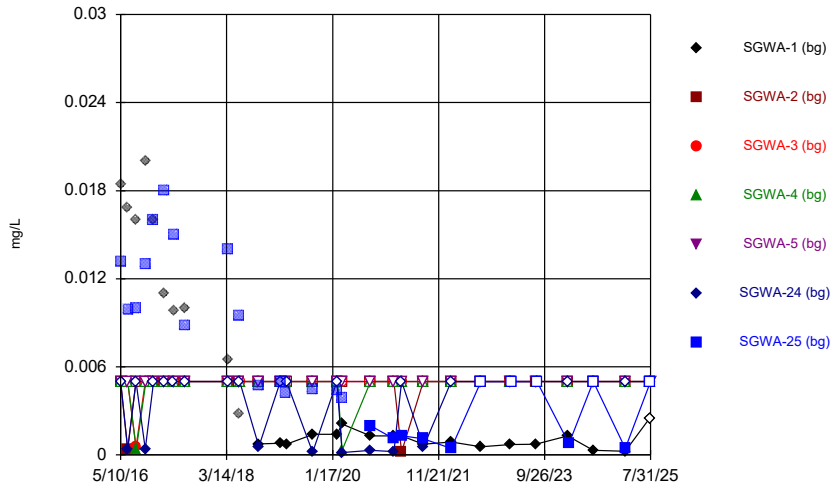
Time Series



Constituent: Chromium Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

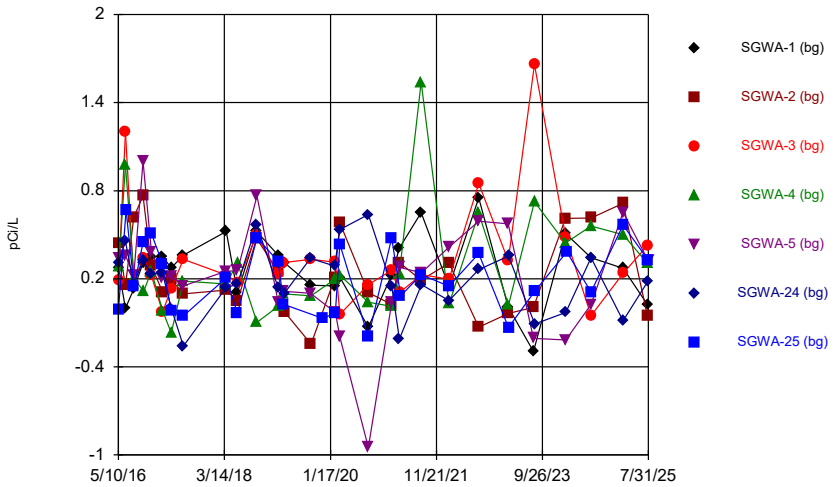
Time Series



Constituent: Cobalt Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

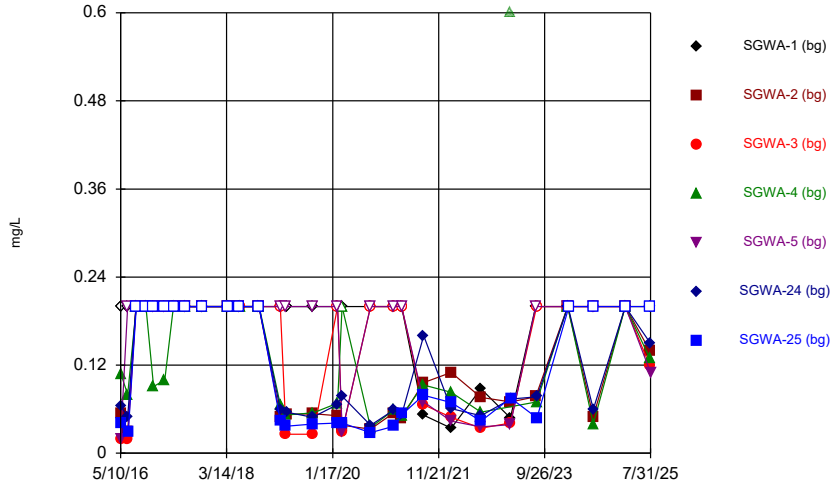
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Lim
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

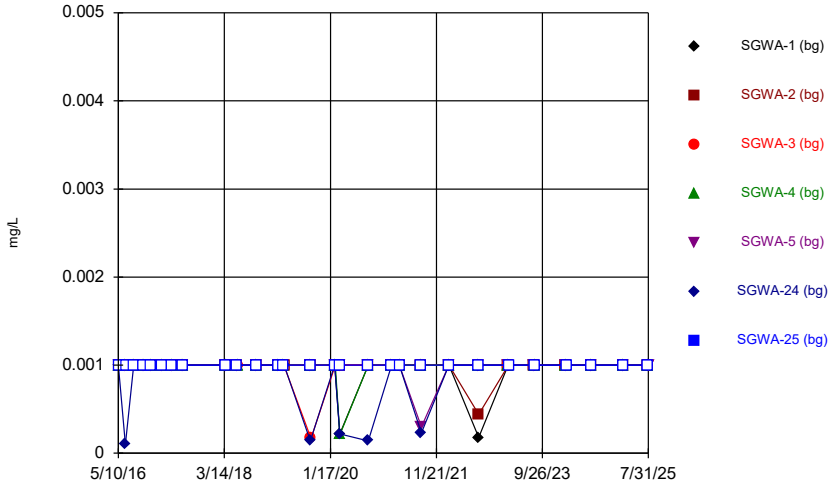
Time Series



Constituent: Fluoride Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

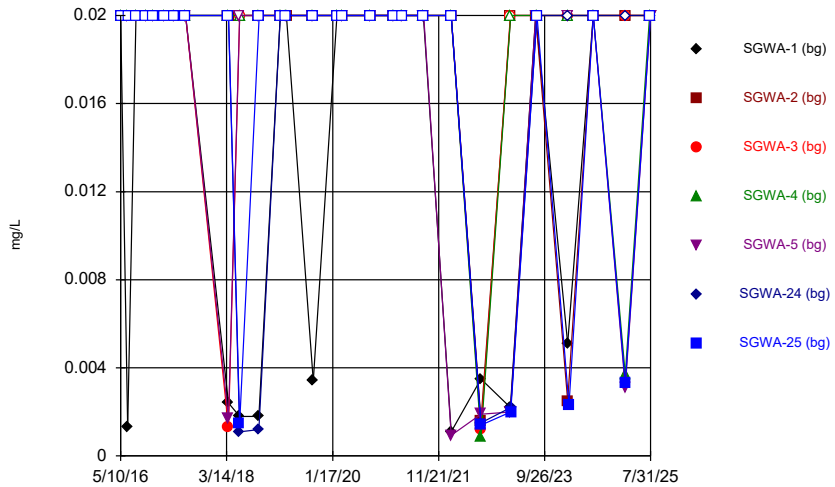
Time Series



Constituent: Lead Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

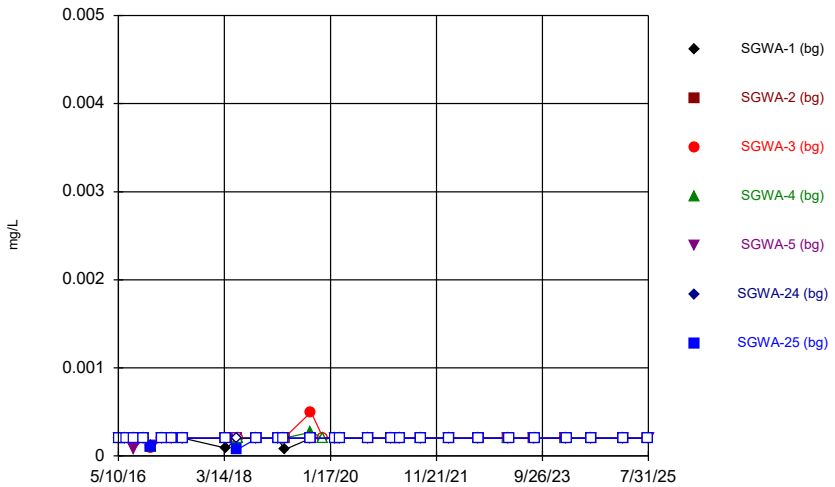
Time Series



Constituent: Lithium Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

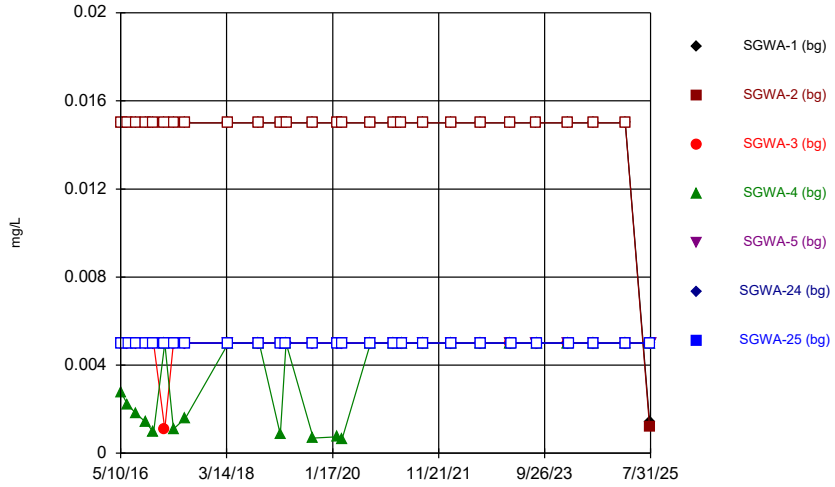
Time Series



Constituent: Mercury Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

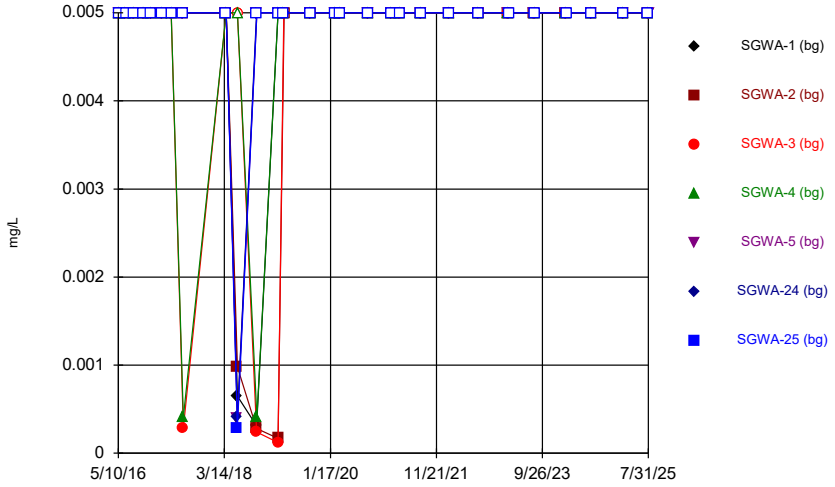
Time Series



Constituent: Molybdenum Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

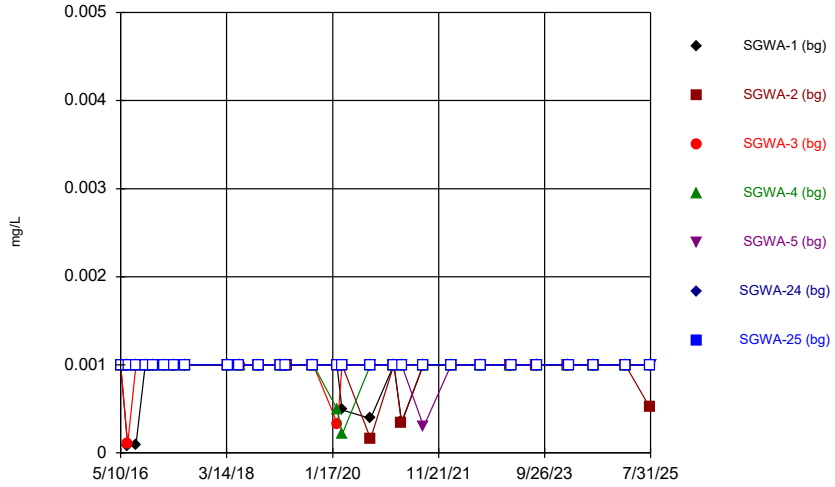
Time Series



Constituent: Selenium Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

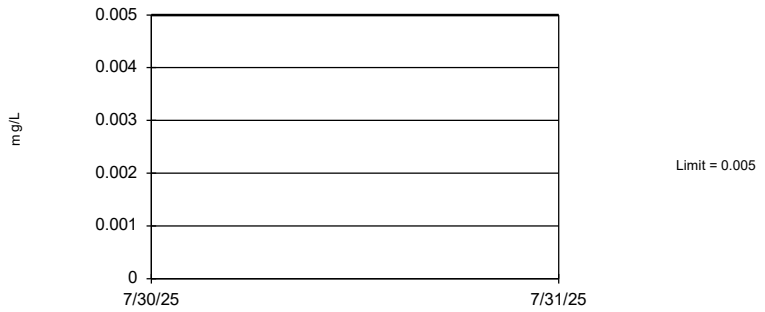


Constituent: Thallium Analysis Run 11/17/2025 10:04 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

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Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 161 background values. 95.65% NDs. 97.07% coverage at alpha=0.01; 98.24% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.0002591.

Constituent: Antimony Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

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Tolerance Limit

Interwell Non-parametric



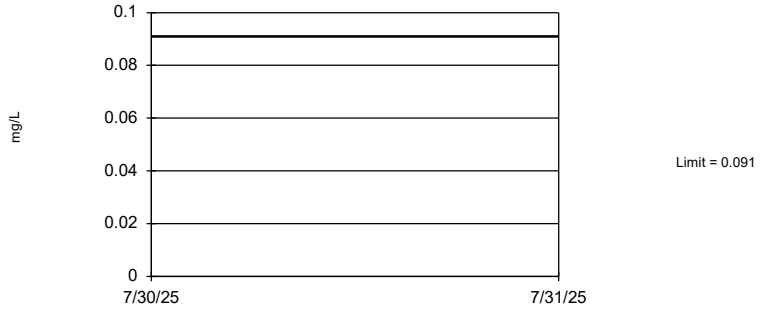
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 196 background values. 88.78% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Arsenic Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



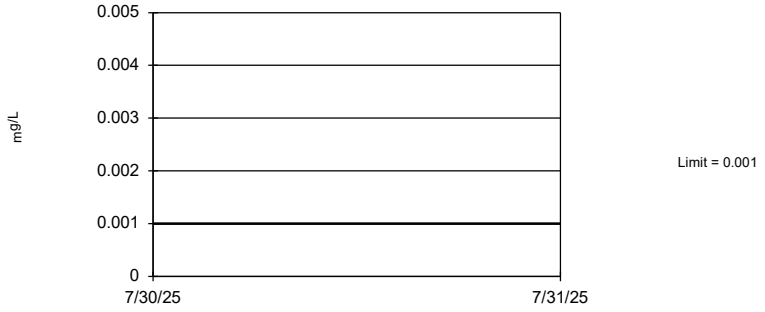
Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 196 background values. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Barium Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



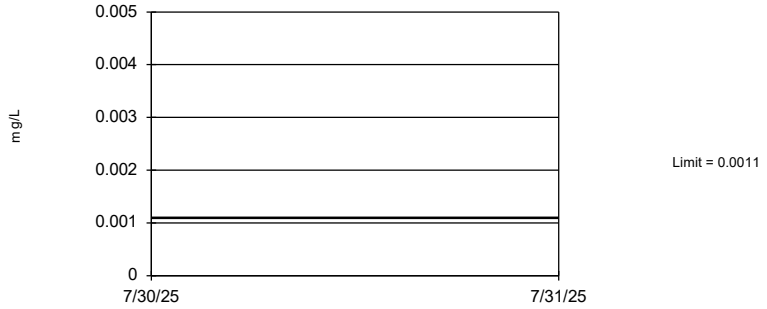
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 196 background values. 91.84% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Beryllium Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



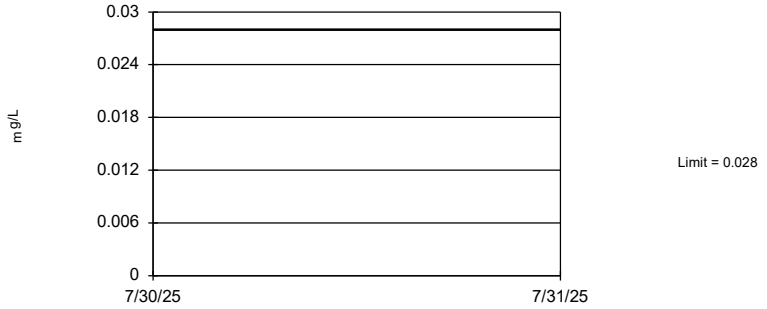
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 189 background values. 98.94% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Cadmium Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



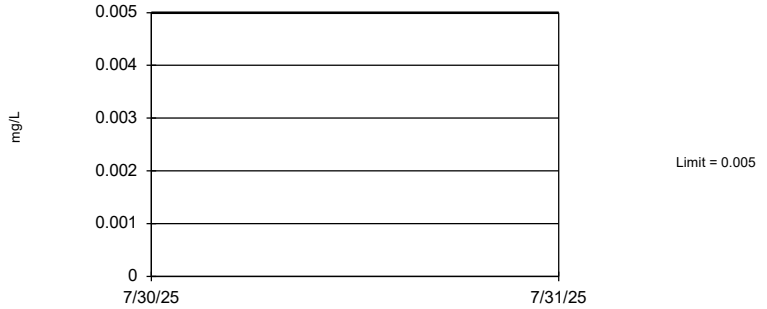
Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 203 background values. 24.14% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Chromium Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



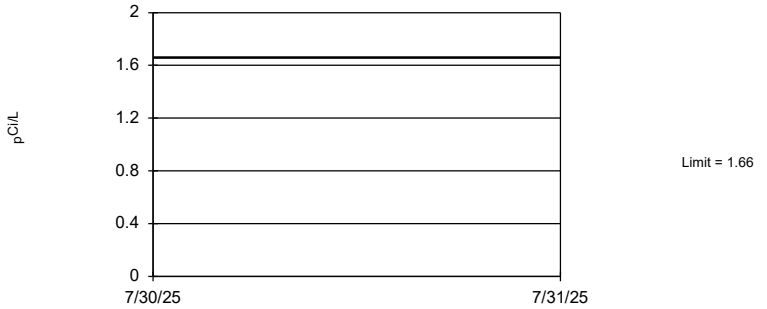
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 170 background values. 78.24% NDs. 97.46% coverage at alpha=0.01; 98.24% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.0001633.

Constituent: Cobalt Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



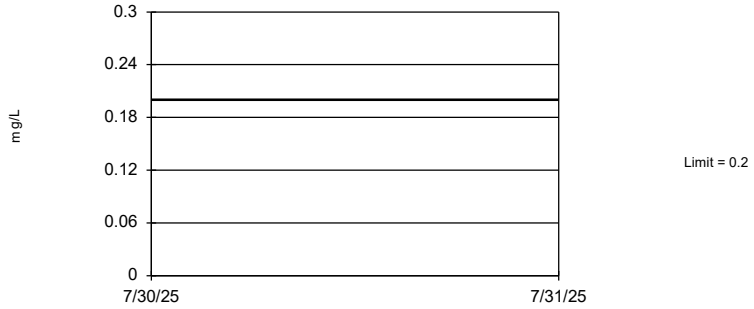
Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 196 background values. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Combined Radium 226 + 228 Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limit
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



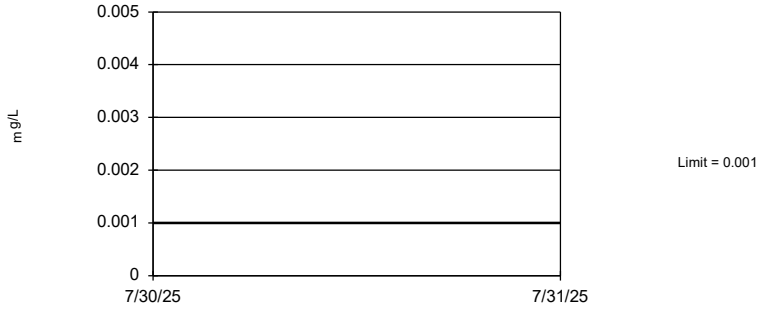
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 202 background values. 56.93% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Fluoride Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 196 background values. 94.39% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Lead Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



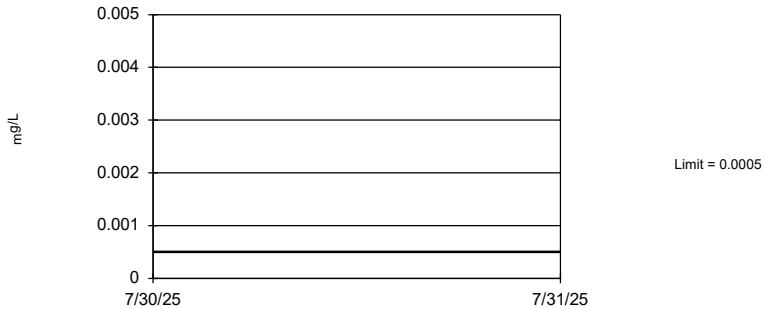
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 196 background values. 85.2% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Lithium Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 198 background values. 93.43% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Mercury Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 189 background values. 92.59% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Molybdenum Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



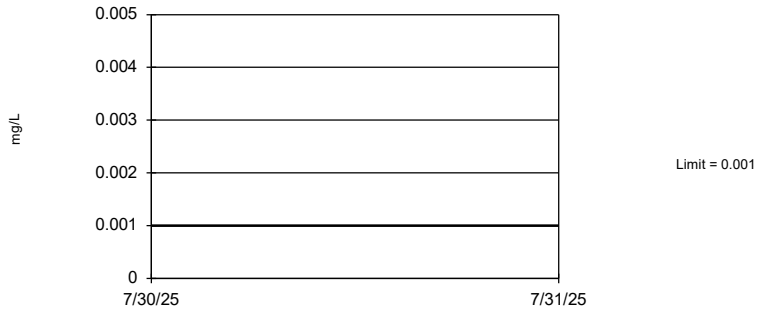
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 196 background values. 93.37% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Selenium Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 196 background values. 93.37% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Thallium Analysis Run 9/24/2025 10:18 AM View: Upper Tolerance Limits
Plant Scherer Client: Southern Company Data: Scherer AP

FIGURE H.

SCHERER ASH POND GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background Limit**	**GWPS**
Antimony, Total (mg/L)	0.006		0.005	0.006
Arsenic, Total (mg/L)	0.01		0.005	0.01
Barium, Total (mg/L)	2		0.091	2
Beryllium, Total (mg/L)	0.004		0.001	0.004
Cadmium, Total (mg/L)	0.005		0.0011	0.005
Chromium, Total (mg/L)	0.1		0.028	0.1
Cobalt, Total (mg/L)		0.006	0.005	0.006
Combined Radium, Total (pCi/L)	5		1.66	5
Fluoride, Total (mg/L)	4		0.2	4
Lead, Total (mg/L)		0.015	0.001	0.015
Lithium, Total (mg/L)		0.04	0.02	0.04
Mercury, Total (mg/L)	0.002		0.0005	0.002
Molybdenum, Total (mg/L)		0.1	0.005	0.1
Selenium, Total (mg/L)	0.05		0.005	0.05
Thallium, Total (mg/L)	0.002		0.001	0.002

**GWPS = Groundwater Protection Standard*

**MCL = Maximum Contaminant Level*

**CCR = Coal Combustion Residuals*

FIGURE I.

Confidence Intervals - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 11/17/2025, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**SGWC-10**	**0.02935**	**0.0221**	**0.006**	**Yes**	**28**	**0.02573**	**0.007755**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-11**	**0.0262**	**0.02066**	**0.006**	**Yes**	**28**	**0.02343**	**0.005928**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-14**	**0.0121**	**0.006903**	**0.006**	**Yes**	**28**	**0.01012**	**0.006878**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-15**	**0.272**	**0.2538**	**0.006**	**Yes**	**28**	**0.2629**	**0.01947**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-18**	**0.1367**	**0.09913**	**0.006**	**Yes**	**29**	**0.1179**	**0.04096**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-20**	**0.1956**	**0.144**	**0.006**	**Yes**	**28**	**0.1698**	**0.05522**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 11/17/2025, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	SGWC-7	0.005	0.0004	0.006	No	22	0.004791	0.0009807	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-10	0.005	0.0014	0.006	No	22	0.004836	0.0007675	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-13	0.005	0.0004	0.006	No	22	0.004791	0.0009807	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-18	0.005	0.0012	0.006	No	21	0.004819	0.0008292	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-19	0.005	0.0021	0.006	No	22	0.004868	0.0006183	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-20	0.005	0.0019	0.006	No	21	0.004852	0.0006765	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-21	0.005	0.0019	0.006	No	22	0.004859	0.0006609	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-22	0.005	0.0022	0.006	No	22	0.004873	0.000597	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	SGWC-23	0.005	0.00098	0.006	No	22	0.004817	0.0008571	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-13S	0.005	0.00046	0.006	No	8	0.004432	0.001605	87.5	None	No	0.004	NP (NDs)
Antimony (mg/L)	PZ-17I	0.005	0.00061	0.006	No	8	0.004451	0.001552	87.5	None	No	0.004	NP (NDs)
Antimony (mg/L)	PZ-40I	0.005	0.00089	0.006	No	8	0.004486	0.001453	87.5	None	No	0.004	NP (NDs)
Antimony (mg/L)	PZ-42I	0.005	0.0009	0.006	No	8	0.004487	0.00145	87.5	None	No	0.004	NP (NDs)
Arsenic (mg/L)	SGWC-6	0.005	0.0006	0.01	No	28	0.004518	0.001418	89.29	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-7	0.005	0.0009	0.01	No	28	0.00406	0.001834	78.57	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-8	0.005	0.001	0.01	No	28	0.004063	0.001829	78.57	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-9	0.005	0.0009	0.01	No	28	0.003617	0.00205	67.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-10	0.005	0.00074	0.01	No	28	0.00453	0.001383	89.29	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-11	0.005	0.0011	0.01	No	28	0.003718	0.001898	67.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-12	0.005	0.0011	0.01	No	28	0.003635	0.002028	67.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-13	0.005	0.0014	0.01	No	28	0.004409	0.001481	85.71	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-14	0.005	0.0014	0.01	No	28	0.004266	0.00161	82.14	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-15	0.0026	0.0011	0.01	No	28	0.002169	0.001606	21.43	None	No	0.01	NP (normality)
Arsenic (mg/L)	SGWC-16	0.005	0.00055	0.01	No	28	0.004515	0.001426	89.29	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-17	0.005	0.0011	0.01	No	28	0.00408	0.001798	78.57	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-18	0.002845	0.001808	0.01	No	29	0.002327	0.001132	6.897	None	No	0.01	Param.
Arsenic (mg/L)	SGWC-19	0.005	0.00068	0.01	No	28	0.004688	0.001146	92.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-20	0.005	0.00059	0.01	No	28	0.002579	0.002158	42.86	None	No	0.01	NP (normality)
Arsenic (mg/L)	SGWC-21	0.005	0.00076	0.01	No	28	0.004849	0.0008013	96.43	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-22	0.005	0.00089	0.01	No	28	0.004033	0.001888	78.57	None	No	0.01	NP (NDs)
Arsenic (mg/L)	SGWC-23	0.005	0.00079	0.01	No	28	0.004693	0.001128	92.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-39S	0.005	0.00028	0.01	No	9	0.004131	0.001771	77.78	None	No	0.002	NP (NDs)
Arsenic (mg/L)	PZ-42I	0.005	0.00049	0.01	No	9	0.004499	0.001503	88.89	None	No	0.002	NP (NDs)
Arsenic (mg/L)	PZ-69I	0.005	0.00059	0.01	No	8	0.003379	0.002238	62.5	None	No	0.004	NP (NDs)
Barium (mg/L)	SGWC-6	0.1243	0.08413	2	No	28	0.1042	0.04301	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-7	0.2828	0.2464	2	No	28	0.2646	0.03892	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-8	0.183	0.1575	2	No	28	0.1702	0.02727	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-9	0.06279	0.05192	2	No	28	0.05735	0.01164	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-10	0.0348	0.02899	2	No	28	0.0322	0.006733	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	SGWC-11	0.045	0.038	2	No	28	0.04526	0.01178	0	None	No	0.01	NP (normality)
Barium (mg/L)	SGWC-12	0.05695	0.04459	2	No	28	0.05077	0.01323	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-13	0.03721	0.03026	2	No	28	0.03374	0.007438	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-14	0.05536	0.0462	2	No	28	0.05078	0.009802	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-15	0.03571	0.02989	2	No	28	0.0328	0.006228	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-16	0.03374	0.02306	2	No	28	0.0296	0.01274	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	SGWC-17	0.02501	0.02076	2	No	28	0.02289	0.004544	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-18	0.02072	0.014	2	No	29	0.01795	0.007802	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	SGWC-19	0.03726	0.02969	2	No	28	0.03347	0.0081	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-20	0.03	0.02342	2	No	28	0.02719	0.007639	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	SGWC-21	0.12	0.092	2	No	28	0.104	0.01415	0	None	No	0.01	NP (normality)
Barium (mg/L)	SGWC-22	0.08703	0.07784	2	No	28	0.08243	0.009836	0	None	No	0.01	Param.
Barium (mg/L)	SGWC-23	0.07747	0.06465	2	No	28	0.07156	0.014	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	PZ-13S	0.04909	0.04241	2	No	8	0.04575	0.003151	0	None	No	0.01	Param.
Barium (mg/L)	PZ-14S	0.03648	0.03252	2	No	10	0.0345	0.002224	0	None	No	0.01	Param.
Barium (mg/L)	PZ-17I	0.06385	0.05549	2	No	9	0.05967	0.00433	0	None	No	0.01	Param.
Barium (mg/L)	PZ-39S	0.04414	0.03557	2	No	9	0.03911	0.007491	0	None	x^4	0.01	Param.
Barium (mg/L)	PZ-40I	0.089	0.031	2	No	9	0.044	0.01832	0	None	No	0.002	NP (normality)
Barium (mg/L)	PZ-41S	0.032	0.023	2	No	10	0.0286	0.01101	0	None	No	0.011	NP (normality)
Barium (mg/L)	PZ-42I	0.1	0.047	2	No	9	0.05611	0.01668	0	None	No	0.002	NP (normality)
Barium (mg/L)	PZ-43S	0.09337	0.06129	2	No	9	0.07733	0.01823	0	None	ln(x)	0.01	Param.
Barium (mg/L)	PZ-44I	0.01176	0.007755	2	No	9	0.009756	0.002073	0	None	No	0.01	Param.
Barium (mg/L)	PZ-69I	0.1896	0.1429	2	No	8	0.1663	0.022	0	None	No	0.01	Param.
Beryllium (mg/L)	SGWC-6	0.001	0.0002	0.004	No	28	0.0009714	0.0001512	96.43	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-7	0.001	0.00033	0.004	No	28	0.0009479	0.0001921	92.86	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-8	0.001	0.00057	0.004	No	28	0.0009307	0.0002105	89.29	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-9	0.001	0.00032	0.004	No	28	0.0009757	0.0001285	96.43	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-10	0.001	0.00048	0.004	No	28	0.000955	0.0001679	92.86	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-11	0.001	0.00032	0.004	No	28	0.0009757	0.0001285	96.43	None	No	0.01	NP (NDs)

Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 11/17/2025, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	SGWC-13	0.001	0.00039	0.004	No	28	0.0009782	0.0001153	96.43	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-14	0.001	0.00053	0.004	No	28	0.0009268	0.000221	89.29	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-15	0.0005	0.00038	0.004	No	28	0.0004568	0.0001449	10.71	None	No	0.01	NP (normality)
Beryllium (mg/L)	SGWC-16	0.001	0.00044	0.004	No	28	0.00098	0.0001058	96.43	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-17	0.001	0.00028	0.004	No	28	0.0009743	0.0001361	96.43	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-18	0.001	0.00035	0.004	No	29	0.0006948	0.0003484	55.17	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-19	0.001	0.00022	0.004	No	28	0.0007968	0.0003585	75	None	No	0.01	NP (NDs)
Beryllium (mg/L)	SGWC-20	0.000816	0.0006598	0.004	No	28	0.0007379	0.0001671	0	None	No	0.01	Param.
Beryllium (mg/L)	SGWC-22	0.001	0.00033	0.004	No	28	0.0009761	0.0001266	96.43	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-6	0.0007	0.00022	0.005	No	27	0.0006822	0.00009238	96.3	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-8	0.0007	0.00031	0.005	No	27	0.0006856	0.00007506	96.3	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-11	0.0007	0.00022	0.005	No	27	0.0006822	0.00009238	96.3	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-14	0.0007	0.00057	0.005	No	27	0.0006076	0.0002135	81.48	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-15	0.00047	0.00027	0.005	No	27	0.0009687	0.001015	29.63	None	No	0.01	NP (normality)
Cadmium (mg/L)	SGWC-16	0.0025	0.00042	0.005	No	27	0.002423	0.0004003	96.3	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-18	0.0025	0.00032	0.005	No	27	0.00168	0.001095	62.96	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-19	0.0007	0.00036	0.005	No	27	0.0006652	0.0001305	92.59	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-20	0.0007	0.00015	0.005	No	27	0.0005918	0.0002315	81.48	None	No	0.01	NP (NDs)
Cadmium (mg/L)	SGWC-21	0.0007	0.00039	0.005	No	27	0.0006885	0.00005966	96.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-7	0.005	0.0026	0.1	No	28	0.004679	0.0009589	89.29	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-8	0.005	0.0023	0.1	No	28	0.005532	0.009821	50	None	No	0.01	NP (normality)
Chromium (mg/L)	SGWC-9	0.005	0.0039	0.1	No	28	0.004843	0.00065	92.86	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-10	0.005	0.0012	0.1	No	28	0.004864	0.0007181	96.43	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-12	0.005	0.0023	0.1	No	28	0.004904	0.0005103	96.43	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-13	0.005	0.0017	0.1	No	28	0.004882	0.0006236	96.43	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-14	0.005	0.0019	0.1	No	28	0.003921	0.001769	64.29	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-15	0.0346	0.03243	0.1	No	28	0.03351	0.002315	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-16	0.0124	0.01052	0.1	No	28	0.01146	0.002016	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-17	0.00727	0.004966	0.1	No	28	0.006118	0.002466	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-18	0.01	0.008019	0.1	No	29	0.009224	0.00247	0	None	ln(x)	0.01	Param.
Chromium (mg/L)	SGWC-19	0.01571	0.01444	0.1	No	28	0.01508	0.001356	0	None	No	0.01	Param.
Chromium (mg/L)	SGWC-20	0.005	0.0024	0.1	No	28	0.004275	0.001436	78.57	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-21	0.005	0.0022	0.1	No	28	0.004289	0.001395	78.57	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-22	0.005	0.0022	0.1	No	28	0.003714	0.001682	60.71	None	No	0.01	NP (NDs)
Chromium (mg/L)	SGWC-23	0.005	0.0016	0.1	No	28	0.002964	0.0016	35.71	None	No	0.01	NP (normality)
Chromium (mg/L)	PZ-13S	0.004001	0.002449	0.1	No	8	0.003225	0.0007324	12.5	None	No	0.01	Param.
Chromium (mg/L)	PZ-14S	0.002592	0.001828	0.1	No	10	0.00221	0.000428	10	None	No	0.01	Param.
Chromium (mg/L)	PZ-17I	0.004177	0.002712	0.1	No	9	0.003444	0.0007585	11.11	None	No	0.01	Param.
Chromium (mg/L)	PZ-39S	0.02849	0.01567	0.1	No	9	0.02152	0.008584	0	None	x^2	0.01	Param.
Chromium (mg/L)	PZ-41S	0.005891	0.005066	0.1	No	10	0.005175	0.001415	10	None	x^6	0.01	Param.
Chromium (mg/L)	PZ-42I	0.005	0.0012	0.1	No	9	0.004356	0.001356	77.78	None	No	0.002	NP (NDs)
Chromium (mg/L)	PZ-43S	0.0053	0.0012	0.1	No	9	0.002278	0.001164	44.44	None	No	0.002	NP (normality)
Chromium (mg/L)	PZ-44I	0.005	0.0013	0.1	No	9	0.004544	0.001224	77.78	None	No	0.002	NP (NDs)
Cobalt (mg/L)	SGWC-6	0.005	0.0018	0.006	No	28	0.003312	0.001972	50	None	No	0.01	NP (normality)
Cobalt (mg/L)	SGWC-7	0.008403	0.003624	0.006	No	28	0.006014	0.005113	3.571	None	No	0.01	Param.
Cobalt (mg/L)	SGWC-8	0.005	0.00265	0.006	No	28	0.003782	0.002009	71.43	None	No	0.01	NP (NDs)
Cobalt (mg/L)	SGWC-9	0.013	0.00084	0.006	No	28	0.006875	0.005983	3.571	None	No	0.01	NP (normality)
Cobalt (mg/L)	**SGWC-10**	**0.02935**	**0.0221**	**0.006**	**Yes**	**28**	**0.02573**	**0.007755**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-11**	**0.0262**	**0.02066**	**0.006**	**Yes**	**28**	**0.02343**	**0.005928**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-12	0.003385	0.00212	0.006	No	28	0.002753	0.001353	0	None	No	0.01	Param.
Cobalt (mg/L)	SGWC-13	0.0068	0.0019	0.006	No	28	0.004357	0.003561	0	None	No	0.01	NP (normality)
Cobalt (mg/L)	**SGWC-14**	**0.0121**	**0.006903**	**0.006**	**Yes**	**28**	**0.01012**	**0.006878**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Cobalt (mg/L)	**SGWC-15**	**0.272**	**0.2538**	**0.006**	**Yes**	**28**	**0.2629**	**0.01947**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-16	0.005382	0.003904	0.006	No	28	0.004783	0.001761	0	None	x^(1/3)	0.01	Param.
Cobalt (mg/L)	SGWC-17	0.00069	0.00043	0.006	No	28	0.0006164	0.0002952	14.29	None	No	0.01	NP (normality)
Cobalt (mg/L)	**SGWC-18**	**0.1367**	**0.09913**	**0.006**	**Yes**	**29**	**0.1179**	**0.04096**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-19	0.005	0.0006	0.006	No	28	0.003201	0.002285	60.71	None	No	0.01	NP (NDs)
Cobalt (mg/L)	**SGWC-20**	**0.1956**	**0.144**	**0.006**	**Yes**	**28**	**0.1698**	**0.05522**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	SGWC-21	0.005	0.00022	0.006	No	28	0.003615	0.002231	71.43	None	No	0.01	NP (NDs)
Cobalt (mg/L)	SGWC-22	0.002586	0.001368	0.006	No	28	0.002141	0.001458	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	SGWC-23	0.005	0.00013	0.006	No	28	0.004826	0.0009203	96.43	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-13S	0.006229	0.004335	0.006	No	11	0.005282	0.001137	0	None	No	0.01	Param.
Cobalt (mg/L)	PZ-14S	0.005	0.00019	0.006	No	12	0.001465	0.002133	25	None	No	0.01	NP (normality)
Cobalt (mg/L)	PZ-39S	0.005	0.00028	0.006	No	11	0.002877	0.00244	54.55	None	No	0.006	NP (NDs)
Cobalt (mg/L)	PZ-40I	0.0076	0.00094	0.006	No	9	0.002196	0.002147	0	None	No	0.002	NP (normality)
Cobalt (mg/L)	PZ-41S	0.00216	0.0003333	0.006	No	12	0.002211	0.002763	16.67	Kaplan-Meier	x^(1/3)	0.01	Param.
Cobalt (mg/L)	PZ-42I	0.0064	0.00025	0.006	No	9	0.002171	0.00252	22.22	None	No	0.002	NP (normality)
Cobalt (mg/L)	PZ-43S	0.005	0.00097	0.006	No	11	0.004529	0.002221	72.73	None	No	0.006	NP (NDs)

Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 11/17/2025, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	PZ-44I	0.002368	0.001543	0.006	No	9	0.001956	0.0004275	0	None	No	0.01	Param.
Cobalt (mg/L)	PZ-69I	0.003012	0.001588	0.006	No	8	0.0023	0.0006719	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-6	0.3816	0.1741	5	No	28	0.2778	0.2221	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-7	0.5572	0.287	5	No	28	0.4221	0.2891	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-8	2.387	1.86	5	No	28	2.123	0.5634	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-9	0.425	0.132	5	No	28	0.2996	0.3029	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-10	0.47	0.123	5	No	28	0.3383	0.3415	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-11	0.5007	0.1945	5	No	28	0.3476	0.3276	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-12	0.4397	0.188	5	No	28	0.3138	0.2692	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-13	0.4673	0.2152	5	No	28	0.3413	0.2697	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-14	0.3396	0.09954	5	No	28	0.2196	0.2569	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-15	0.495	0.2971	5	No	28	0.3961	0.2118	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-16	0.3267	0.116	5	No	28	0.2214	0.2254	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-17	0.434	0.173	5	No	28	0.3164	0.2591	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-18	0.433	0.139	5	No	29	0.3212	0.334	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-19	0.396	0.114	5	No	28	0.2752	0.329	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-20	0.5122	0.2573	5	No	28	0.3847	0.2728	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-21	0.565	0.253	5	No	28	0.5221	0.4746	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	SGWC-22	0.4381	0.1703	5	No	28	0.3573	0.3764	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	SGWC-23	0.5878	0.3573	5	No	28	0.4726	0.2466	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-13S	0.3399	-0.07614	5	No	8	0.1319	0.1963	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-14S	0.399	0.1337	5	No	10	0.2664	0.1487	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-17I	1.436	-0.002303	5	No	10	0.8004	1.781	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-39S	0.5123	0.04733	5	No	9	0.2798	0.2408	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-40I	1.403	0.2897	5	No	9	0.8461	0.5763	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-41S	0.4533	-0.03566	5	No	10	0.2088	0.274	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-42I	0.821	0.1804	5	No	9	0.498	0.3793	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-43S	0.8392	0.1075	5	No	9	0.4693	0.4742	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-44I	0.8294	-0.00001804	5	No	9	0.3267	0.4386	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-69I	0.8623	0.1447	5	No	8	0.5035	0.3385	0	None	No	0.01	Param.
Fluoride (mg/L)	SGWC-6	0.121	0.09336	4	No	29	0.1415	0.04492	17.24	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	SGWC-7	0.2252	0.18	4	No	29	0.2026	0.04926	3.448	None	No	0.01	Param.
Fluoride (mg/L)	SGWC-8	0.5218	0.3754	4	No	29	0.4594	0.1734	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	SGWC-9	0.09418	0.05965	4	No	29	0.144	0.0946	41.38	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	SGWC-10	0.2	0.15	4	No	29	0.1697	0.06369	79.31	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-11	0.2	0.12	4	No	29	0.172	0.05746	79.31	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-12	0.09361	0.06547	4	No	29	0.1149	0.05776	24.14	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	SGWC-13	0.2	0.077	4	No	29	0.1517	0.07074	65.52	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-14	0.2	0.068	4	No	29	0.1527	0.07391	68.97	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-15	0.14	0.11	4	No	29	0.1348	0.04958	10.34	None	No	0.01	NP (normality)
Fluoride (mg/L)	SGWC-16	0.2	0.14	4	No	29	0.1602	0.06877	72.41	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-17	0.2	0.058	4	No	29	0.1232	0.07122	41.38	None	No	0.01	NP (normality)
Fluoride (mg/L)	SGWC-18	0.2	0.099	4	No	30	0.152	0.06586	60	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-19	0.2	0.18	4	No	29	0.1731	0.05911	79.31	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-20	0.2357	0.1677	4	No	29	0.2017	0.07428	10.34	None	No	0.01	Param.
Fluoride (mg/L)	SGWC-21	0.2	0.079	4	No	29	0.1272	0.05754	34.48	None	No	0.01	NP (normality)
Fluoride (mg/L)	SGWC-22	0.2	0.082	4	No	29	0.1547	0.0701	68.97	None	No	0.01	NP (NDs)
Fluoride (mg/L)	SGWC-23	0.2	0.052	4	No	29	0.1198	0.07004	37.93	None	No	0.01	NP (normality)
Fluoride (mg/L)	PZ-13S	0.2	0.042	4	No	8	0.1526	0.0679	62.5	None	No	0.004	NP (NDs)
Fluoride (mg/L)	PZ-14S	0.2	0.043	4	No	10	0.1564	0.07191	70	None	No	0.011	NP (NDs)
Fluoride (mg/L)	PZ-17I	0.2	0.028	4	No	9	0.1306	0.08262	44.44	None	No	0.002	NP (normality)
Fluoride (mg/L)	PZ-39S	0.2	0.04	4	No	9	0.1369	0.07601	55.56	None	No	0.002	NP (NDs)
Fluoride (mg/L)	PZ-40I	0.2	0.036	4	No	9	0.1537	0.07158	66.67	None	No	0.002	NP (NDs)
Fluoride (mg/L)	PZ-41S	0.2	0.06	4	No	10	0.1695	0.06457	80	None	No	0.011	NP (NDs)
Fluoride (mg/L)	PZ-42I	0.09184	0.04147	4	No	9	0.1112	0.07039	33.33	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	PZ-43S	0.2	0.028	4	No	9	0.1374	0.07969	55.56	Kaplan-Meier	No	0.002	NP (NDs)
Fluoride (mg/L)	PZ-44I	0.2	0.031	4	No	9	0.1528	0.07429	66.67	Kaplan-Meier	No	0.002	NP (NDs)
Fluoride (mg/L)	PZ-69I	0.21	0.083	4	No	8	0.1575	0.05279	37.5	None	No	0.004	NP (normality)
Lead (mg/L)	SGWC-6	0.001	0.00054	0.015	No	28	0.001012	0.0003553	89.29	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-7	0.001	0.00085	0.015	No	28	0.0009336	0.0002245	89.29	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-8	0.001	0.00062	0.015	No	28	0.0009611	0.0001498	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-10	0.001	0.00014	0.015	No	28	0.0009071	0.000273	89.29	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-12	0.001	0.0002	0.015	No	28	0.0009714	0.0001512	96.43	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-13	0.001	0.00039	0.015	No	28	0.0009561	0.0001613	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-14	0.001	0.00066	0.015	No	28	0.0009321	0.0002118	89.29	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-15	0.001	0.00023	0.015	No	28	0.0009725	0.0001455	96.43	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-16	0.001	0.001	0.015	No	28	0.0009832	0.0001835	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-17	0.001	0.00017	0.015	No	28	0.0009704	0.0001569	96.43	None	No	0.01	NP (NDs)

Confidence Intervals - All Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 11/17/2025, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	SGWC-18	0.001	0.00071	0.015	No	29	0.0009655	0.0001406	93.1	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-19	0.001	0.00033	0.015	No	28	0.0009761	0.0001266	96.43	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-20	0.001	0.00028	0.015	No	28	0.0006693	0.0003671	53.57	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-21	0.001	0.00041	0.015	No	28	0.0009636	0.0008033	75	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-22	0.001	0.00019	0.015	No	28	0.0008518	0.0003238	82.14	None	No	0.01	NP (NDs)
Lead (mg/L)	SGWC-23	0.001	0.00009	0.015	No	28	0.0009675	0.000172	96.43	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-13S	0.001	0.00069	0.015	No	8	0.0009613	0.0001096	87.5	None	No	0.004	NP (NDs)
Lead (mg/L)	PZ-42I	0.0016	0.00019	0.015	No	9	0.0009767	0.0003555	77.78	None	No	0.002	NP (NDs)
Lithium (mg/L)	SGWC-6	0.02	0.0046	0.04	No	28	0.01758	0.006061	85.71	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-7	0.00566	0.004254	0.04	No	28	0.004957	0.001504	3.571	None	No	0.01	Param.
Lithium (mg/L)	SGWC-8	0.02	0.0025	0.04	No	28	0.01482	0.008347	71.43	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-9	0.02	0.0014	0.04	No	28	0.01934	0.003515	96.43	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-10	0.02	0.0011	0.04	No	28	0.01932	0.003572	96.43	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-11	0.02	0.0031	0.04	No	28	0.01328	0.008542	60.71	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-12	0.02	0.0012	0.04	No	28	0.01865	0.004944	92.86	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-13	0.02	0.0026	0.04	No	28	0.01742	0.006446	85.71	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-14	0.02	0.0035	0.04	No	28	0.01744	0.006406	85.71	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-15	0.02	0.0037	0.04	No	28	0.01109	0.008457	46.43	None	No	0.01	NP (normality)
Lithium (mg/L)	SGWC-16	0.02	0.0038	0.04	No	28	0.01809	0.00563	89.29	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-17	0.02	0.0014	0.04	No	28	0.01934	0.003515	96.43	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-18	0.0069	0.0042	0.04	No	29	0.008252	0.0068	24.14	None	No	0.01	NP (normality)
Lithium (mg/L)	SGWC-19	0.02	0.016	0.04	No	28	0.016	0.007171	71.43	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-20	0.0053	0.0038	0.04	No	28	0.007132	0.006176	17.86	None	No	0.01	NP (normality)
Lithium (mg/L)	SGWC-21	0.02	0.0038	0.04	No	28	0.01622	0.00739	78.57	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-22	0.02	0.0033	0.04	No	28	0.01678	0.007049	82.14	None	No	0.01	NP (NDs)
Lithium (mg/L)	SGWC-23	0.02	0.0034	0.04	No	28	0.0106	0.008313	42.86	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-13S	0.02	0.0023	0.04	No	8	0.01351	0.008958	62.5	None	No	0.004	NP (NDs)
Lithium (mg/L)	PZ-14S	0.02	0.0015	0.04	No	12	0.01399	0.008887	66.67	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-17I	0.02	0.0016	0.04	No	9	0.01592	0.008092	77.78	None	No	0.002	NP (NDs)
Lithium (mg/L)	PZ-39S	0.01443	0.003081	0.04	No	9	0.008756	0.005877	11.11	None	No	0.01	Param.
Lithium (mg/L)	PZ-40I	0.01486	0.008339	0.04	No	9	0.0116	0.003377	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-41S	0.02	0.0029	0.04	No	10	0.01496	0.008193	70	None	No	0.011	NP (NDs)
Lithium (mg/L)	PZ-42I	0.01178	0.003107	0.04	No	9	0.007889	0.007833	11.11	None	ln(x)	0.01	Param.
Lithium (mg/L)	PZ-43S	0.005788	0.002347	0.04	No	9	0.007622	0.007224	22.22	Kaplan-Meier	ln(x)	0.01	Param.
Lithium (mg/L)	PZ-44I	0.03153	0.0113	0.04	No	13	0.02412	0.0197	7.692	None	ln(x)	0.01	Param.
Lithium (mg/L)	PZ-69I	0.02	0.0025	0.04	No	8	0.01156	0.009041	50	None	No	0.004	NP (normality)
Mercury (mg/L)	SGWC-6	0.0002	0.00011	0.002	No	28	0.0001968	0.00001701	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-7	0.0002	0.00011	0.002	No	28	0.0001968	0.00001701	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-8	0.0002	0.00017	0.002	No	28	0.0001945	0.0000239	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-9	0.0002	0.0001	0.002	No	28	0.0001964	0.0000189	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-10	0.0002	0.00013	0.002	No	28	0.0001975	0.00001323	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-11	0.0002	0.0001	0.002	No	28	0.0001964	0.0000189	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-12	0.0002	0.000093	0.002	No	28	0.0001962	0.00002022	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-13	0.0002	0.00011	0.002	No	28	0.0001968	0.00001701	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-14	0.0002	0.00012	0.002	No	28	0.0001854	0.00003696	82.14	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-15	0.0002	0.00012	0.002	No	28	0.0001566	0.00004465	42.86	None	No	0.01	NP (normality)
Mercury (mg/L)	SGWC-16	0.0002	0.000076	0.002	No	28	0.0001956	0.00002343	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-17	0.0002	0.00017	0.002	No	28	0.0001821	0.00003734	78.57	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-18	0.0002	0.00018	0.002	No	29	0.0001821	0.00004544	41.38	None	No	0.01	NP (normality)
Mercury (mg/L)	SGWC-20	0.0002	0.00013	0.002	No	28	0.0001887	0.00003411	89.29	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-21	0.0002	0.0001	0.002	No	28	0.0001964	0.0000189	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-22	0.0002	0.000099	0.002	No	28	0.0001964	0.00001909	96.43	None	No	0.01	NP (NDs)
Mercury (mg/L)	SGWC-23	0.0002	0.00011	0.002	No	28	0.0001918	0.0000372	85.71	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-13S	0.0004853	0.0001055	0.002	No	8	0.0002895	0.0002338	0	None	ln(x)	0.01	Param.
Mercury (mg/L)	PZ-44I	0.0002	0.000084	0.002	No	9	0.0001871	0.00003867	88.89	None	No	0.002	NP (NDs)
Molybdenum (mg/L)	SGWC-6	0.005	0.00099	0.1	No	27	0.004692	0.00111	92.59	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-7	0.0033	0.0012	0.1	No	27	0.004097	0.005343	18.52	None	No	0.01	NP (normality)
Molybdenum (mg/L)	SGWC-8	0.005	0.0008	0.1	No	27	0.004686	0.00113	92.59	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-9	0.005	0.0014	0.1	No	27	0.003673	0.001931	66.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-12	0.005	0.0012	0.1	No	27	0.004715	0.001028	92.59	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-14	0.005	0.003	0.1	No	27	0.004771	0.0008801	92.59	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-16	0.015	0.0011	0.1	No	27	0.01449	0.002675	96.3	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	SGWC-23	0.005	0.00062	0.1	No	27	0.004838	0.0008429	96.3	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-39S	0.0075	0.00087	0.1	No	8	0.001907	0.002264	12.5	None	No	0.004	NP (normality)
Molybdenum (mg/L)	PZ-40I	0.005	0.00079	0.1	No	8	0.004474	0.001488	87.5	None	No	0.004	NP (NDs)
Molybdenum (mg/L)	PZ-42I	0.008461	0.005714	0.1	No	8	0.007088	0.001296	0	None	No	0.01	Param.
Molybdenum (mg/L)	PZ-43S	0.015	0.0021	0.1	No	8	0.01339	0.004561	87.5	None	No	0.004	NP (NDs)
Molybdenum (mg/L)	PZ-69I	0.015	0.00069	0.1	No	8	0.006325	0.00719	37.5	None	No	0.004	NP (normality)

Confidence Intervals - All Results

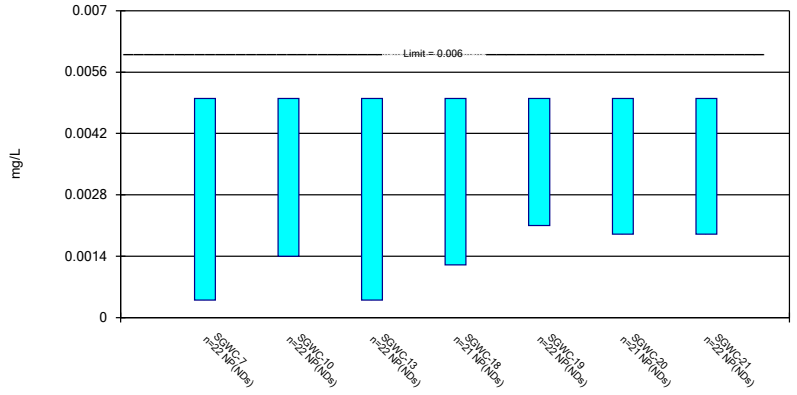
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Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	SGWC-6	0.005	0.00057	0.05	No	28	0.004508	0.001446	89.29	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-7	0.005	0.00034	0.05	No	28	0.004834	0.0008807	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-11	0.005	0.00046	0.05	No	28	0.004838	0.000858	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-12	0.005	0.00031	0.05	No	28	0.004832	0.0008863	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-13	0.005	0.00064	0.05	No	28	0.004676	0.001189	92.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-14	0.005	0.00084	0.05	No	28	0.004696	0.001115	92.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-15	0.005	0.0034	0.05	No	28	0.004421	0.00238	53.57	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-16	0.005	0.0014	0.05	No	28	0.003764	0.001845	67.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-17	0.005	0.00064	0.05	No	28	0.004506	0.001454	89.29	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-18	0.007117	0.003232	0.05	No	29	0.007064	0.007274	10.34	None	ln(x)	0.01	Param.
Selenium (mg/L)	SGWC-19	0.005	0.00099	0.05	No	28	0.004396	0.00151	85.71	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-20	0.005	0.0041	0.05	No	28	0.004087	0.001672	67.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	SGWC-23	0.005	0.00075	0.05	No	28	0.004341	0.001646	85.71	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-17I	0.005	0.00047	0.05	No	9	0.004497	0.00151	88.89	None	No	0.002	NP (NDs)
Selenium (mg/L)	PZ-39S	0.005	0.001	0.05	No	9	0.002711	0.001749	33.33	None	No	0.002	NP (normality)
Selenium (mg/L)	PZ-40I	0.005	0.00059	0.05	No	9	0.00451	0.00147	88.89	None	No	0.002	NP (NDs)
Selenium (mg/L)	PZ-41S	0.006871	0.005169	0.05	No	10	0.00602	0.0009543	0	None	No	0.01	Param.
Selenium (mg/L)	PZ-42I	0.005	0.00026	0.05	No	9	0.004473	0.00158	88.89	None	No	0.002	NP (NDs)
Selenium (mg/L)	PZ-44I	0.005	0.00046	0.05	No	9	0.004496	0.001513	88.89	None	No	0.002	NP (NDs)
Thallium (mg/L)	SGWC-6	0.001	0.00049	0.002	No	28	0.0008989	0.0002563	85.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-7	0.001	0.00042	0.002	No	28	0.0009514	0.0001804	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-8	0.001	0.00079	0.002	No	28	0.0009082	0.0002483	85.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-9	0.001	0.0004	0.002	No	28	0.0009525	0.0001753	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-10	0.001	0.00075	0.002	No	28	0.0009318	0.0002211	89.29	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-11	0.001	0.00016	0.002	No	28	0.0009396	0.0002216	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-12	0.001	0.00034	0.002	No	28	0.0009489	0.0001881	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-13	0.001	0.00022	0.002	No	28	0.0009721	0.0001474	96.43	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-14	0.001	0.00035	0.002	No	28	0.0009214	0.000245	85.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-15	0.001	0.00016	0.002	No	28	0.0006733	0.0004201	60.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-16	0.001	0.00064	0.002	No	28	0.0009871	0.00006803	96.43	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-17	0.001	0.00024	0.002	No	28	0.0009729	0.0001436	96.43	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-18	0.001	0.00016	0.002	No	29	0.0004971	0.000394	34.48	None	No	0.01	NP (normality)
Thallium (mg/L)	SGWC-20	0.00033	0.00017	0.002	No	28	0.0004471	0.0003902	32.14	None	No	0.01	NP (normality)
Thallium (mg/L)	SGWC-22	0.001	0.00038	0.002	No	28	0.0009779	0.0001172	96.43	None	No	0.01	NP (NDs)
Thallium (mg/L)	SGWC-23	0.001	0.00016	0.002	No	28	0.00097	0.0001587	96.43	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-41S	0.001	0.001	0.002	No	10	0.000934	0.0002087	90	None	No	0.011	NP (NDs)

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

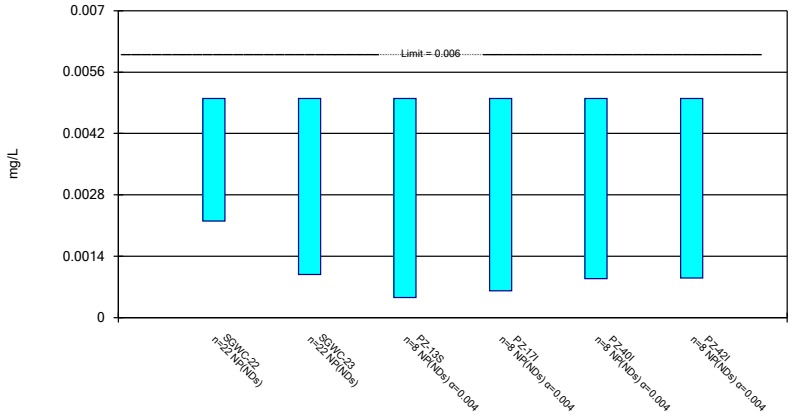


Constituent: Antimony Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

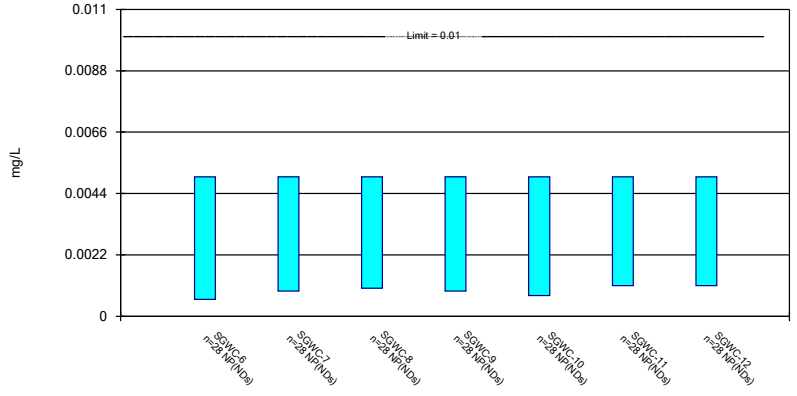


Constituent: Antimony Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

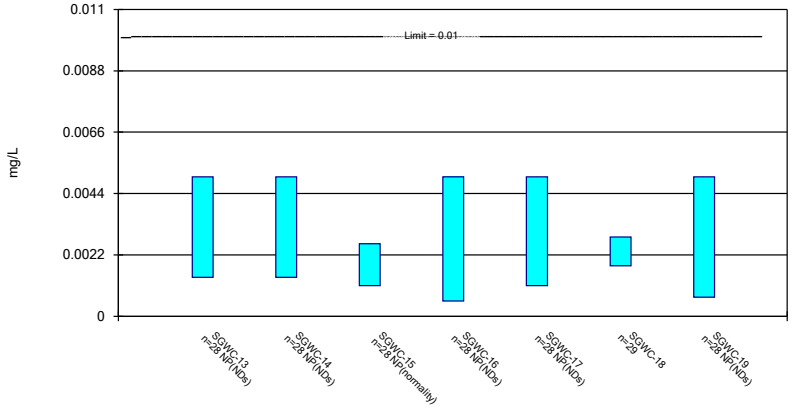


Constituent: Arsenic Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

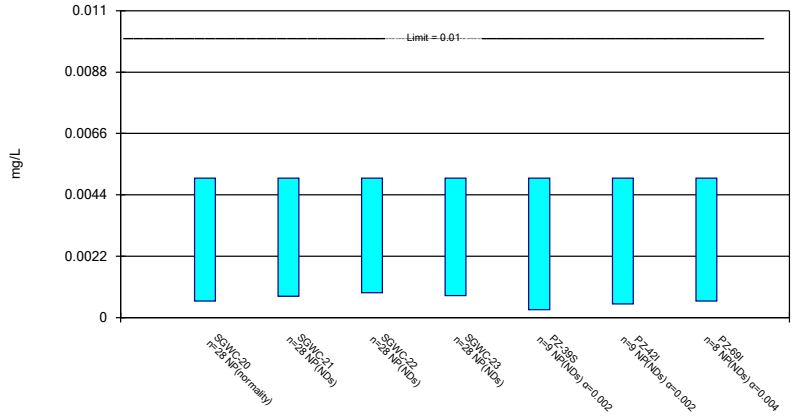


Constituent: Arsenic Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

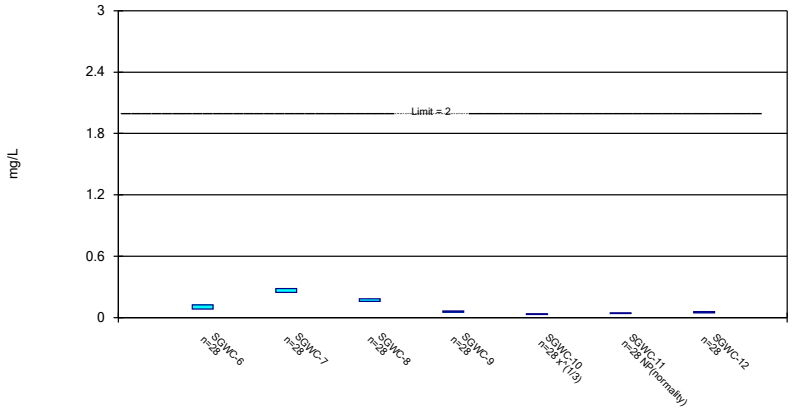


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Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

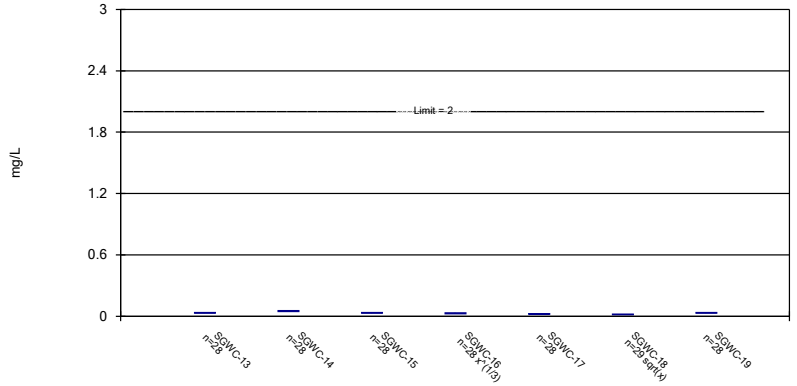


Constituent: Barium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

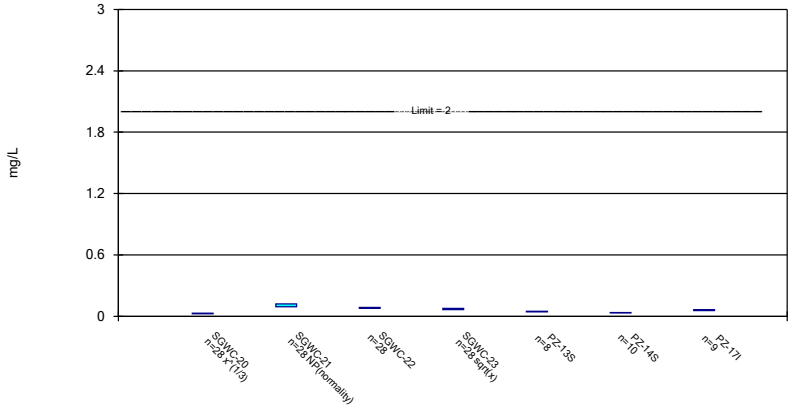


Constituent: Barium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

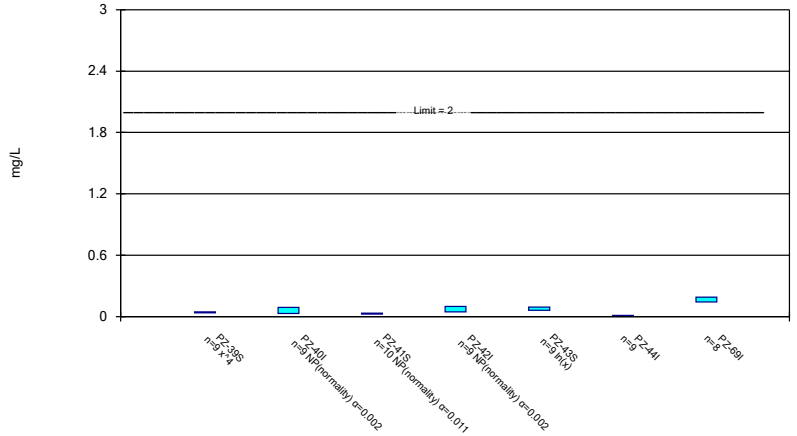


Constituent: Barium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

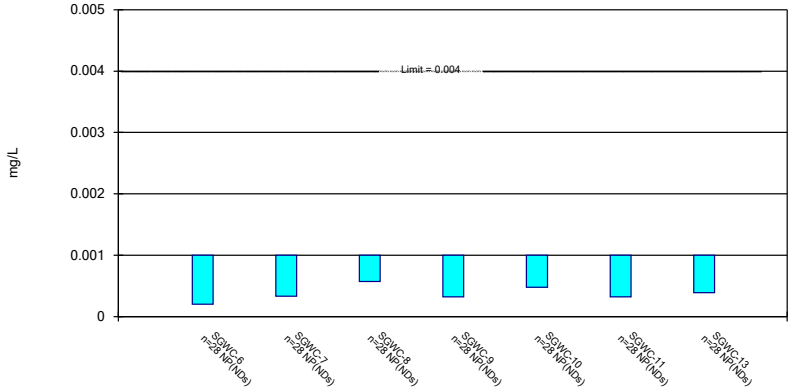


Constituent: Barium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

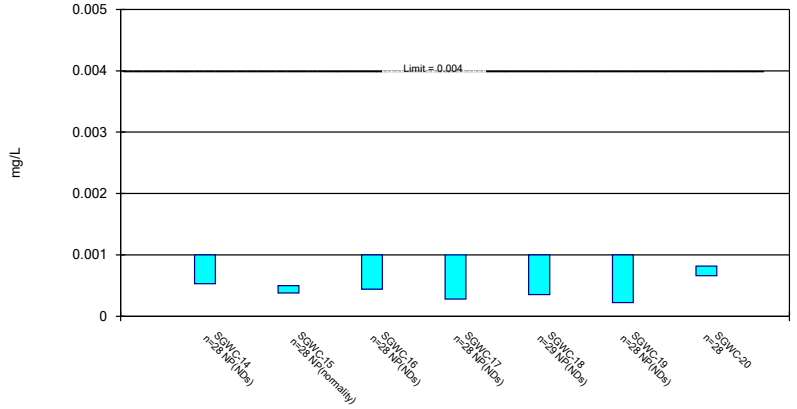


Constituent: Beryllium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

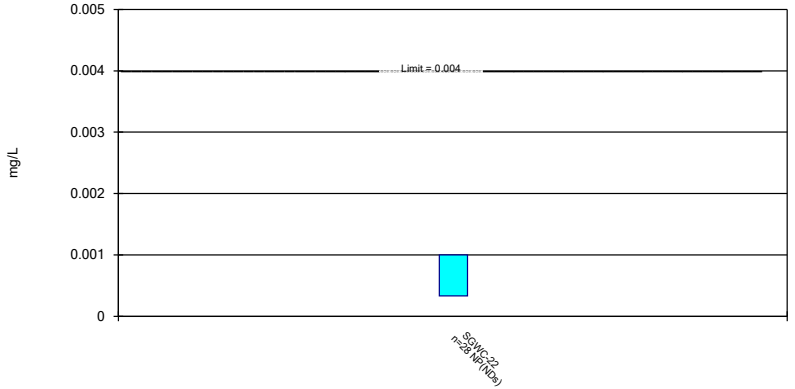


Constituent: Beryllium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

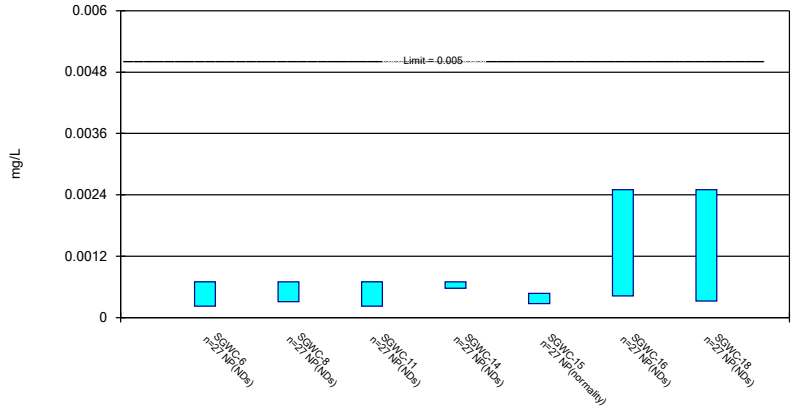


Constituent: Beryllium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

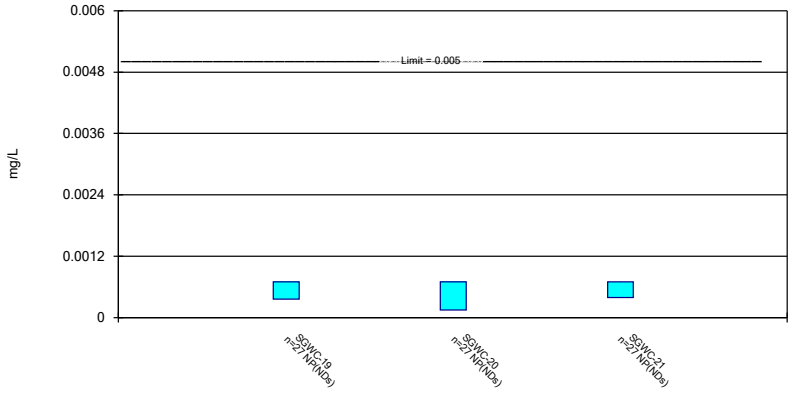


Constituent: Cadmium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

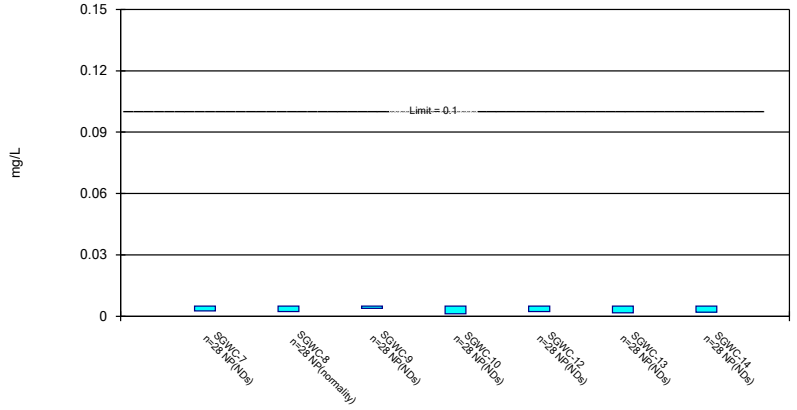


Constituent: Cadmium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

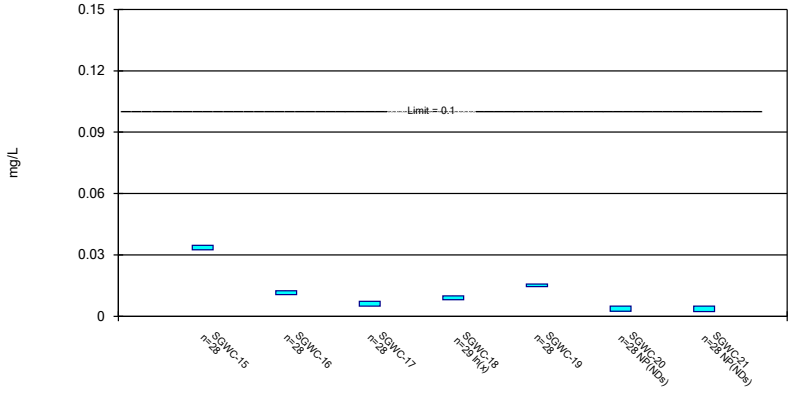


Constituent: Chromium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

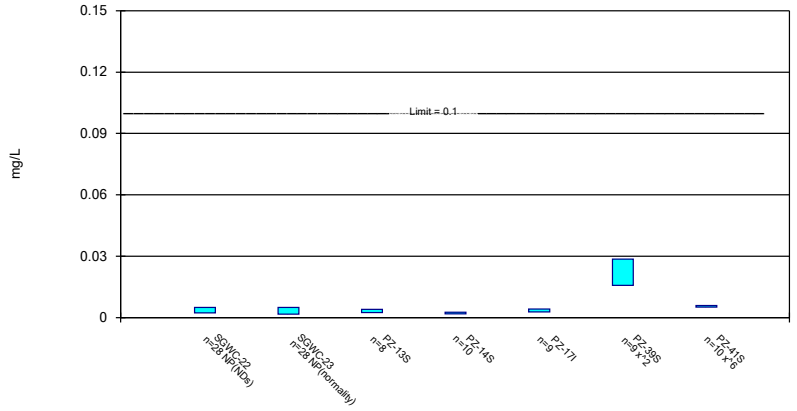


Constituent: Chromium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

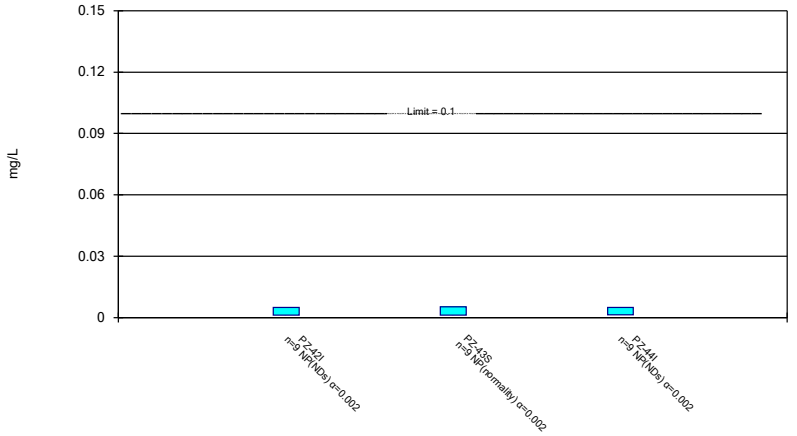


Constituent: Chromium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

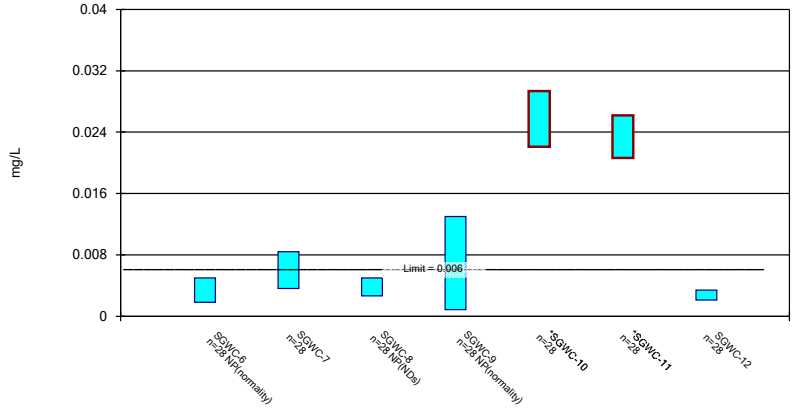


Constituent: Chromium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

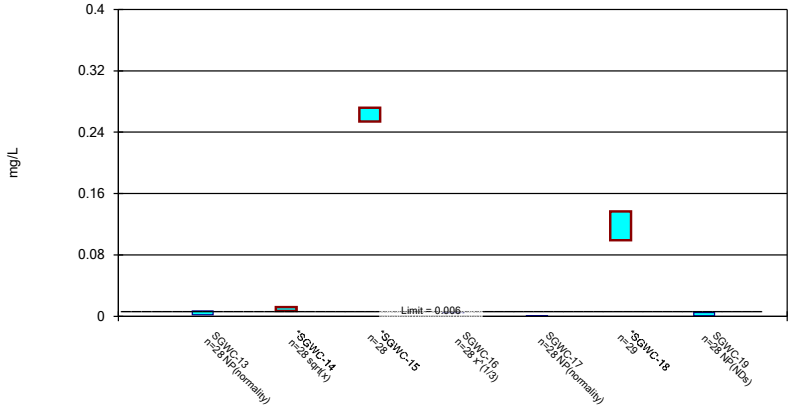


Constituent: Cobalt Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

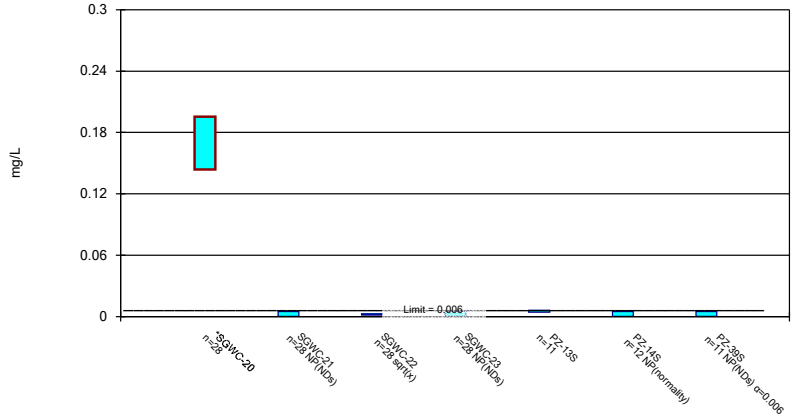


Constituent: Cobalt Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

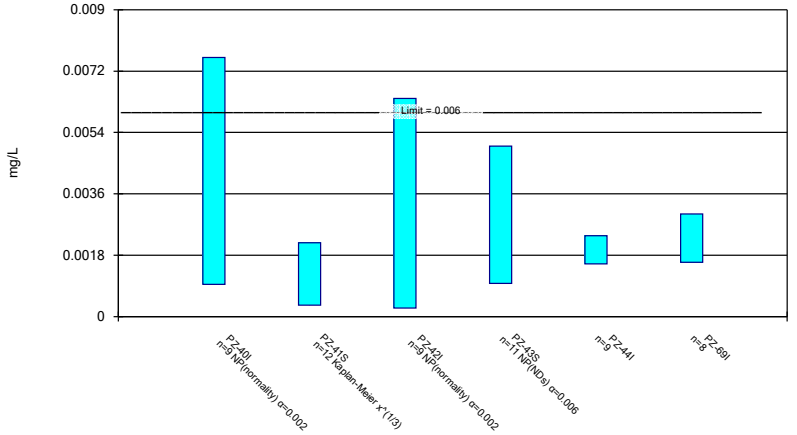


Constituent: Cobalt Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

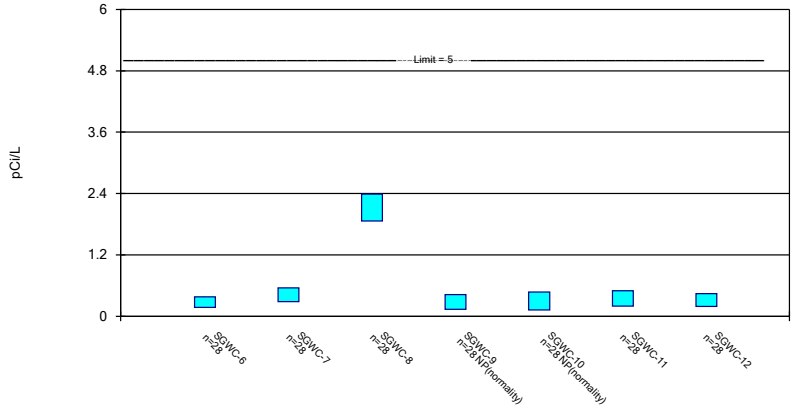


Constituent: Cobalt Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

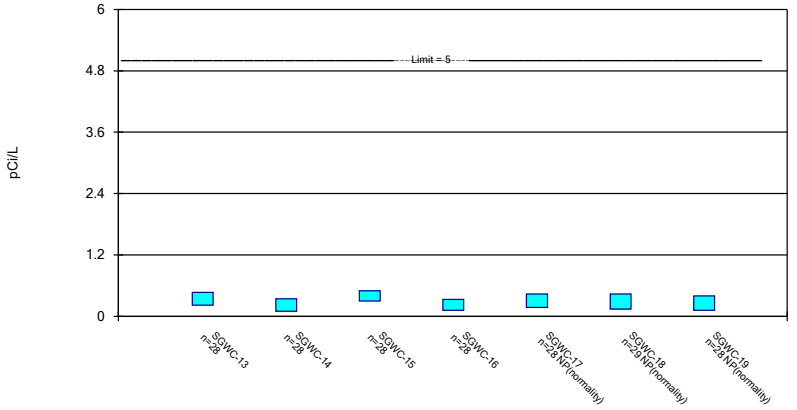


Constituent: Combined Radium 226 + 228 Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

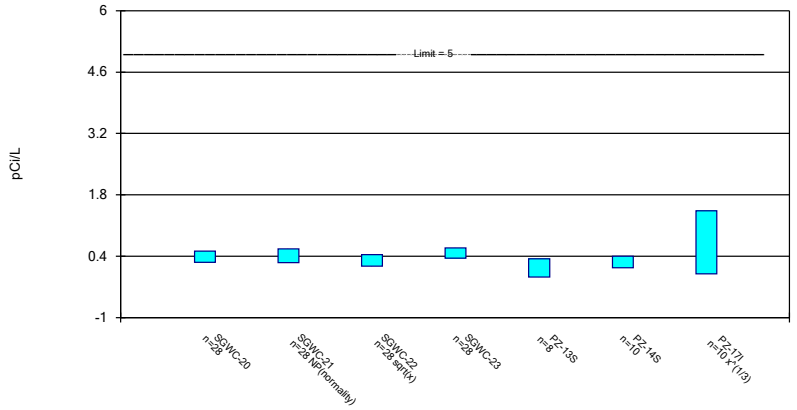


Constituent: Combined Radium 226 + 228 Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

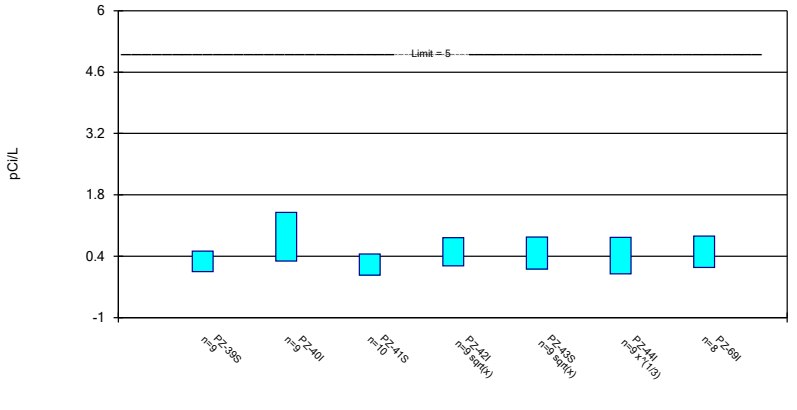


Constituent: Combined Radium 226 + 228 Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Parametric Confidence Interval

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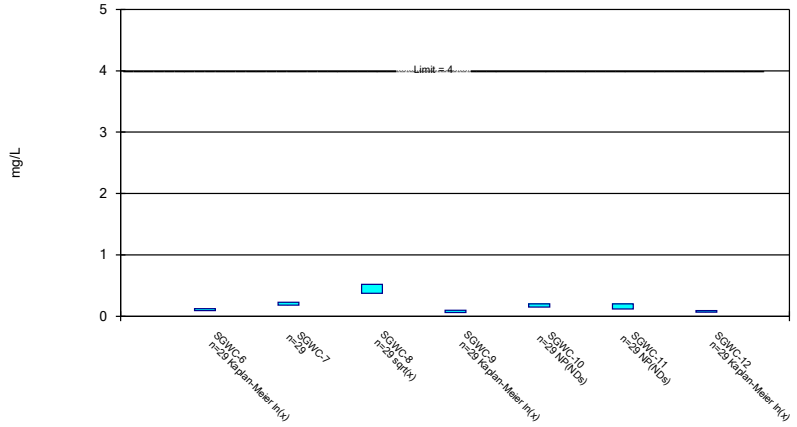


Constituent: Combined Radium 226 + 228 Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

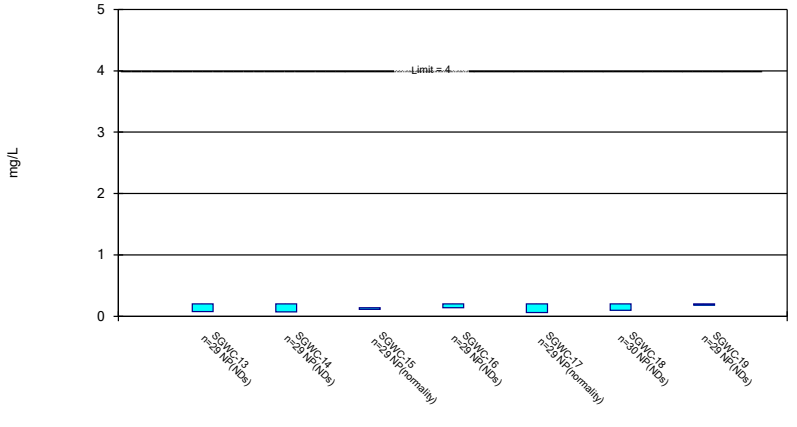


Constituent: Fluoride Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

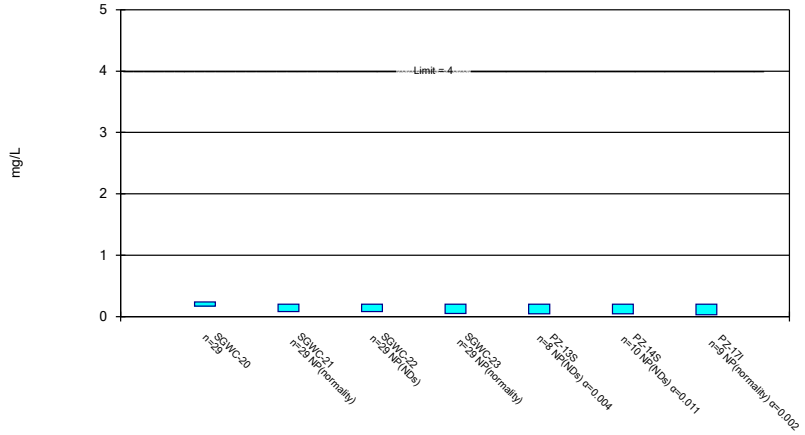


Constituent: Fluoride Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

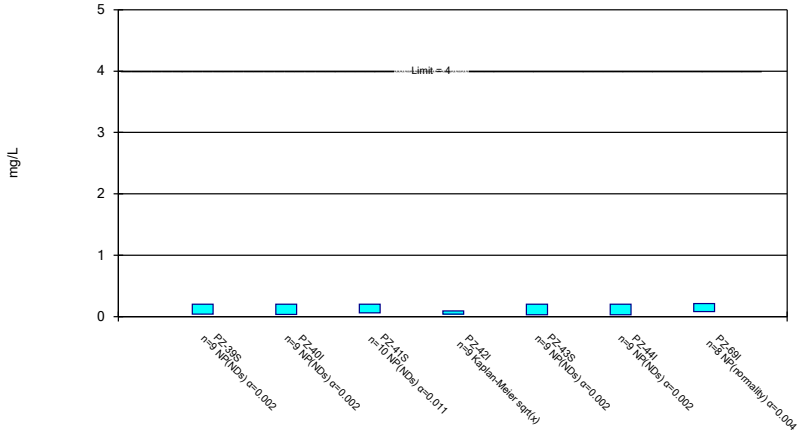


Constituent: Fluoride Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

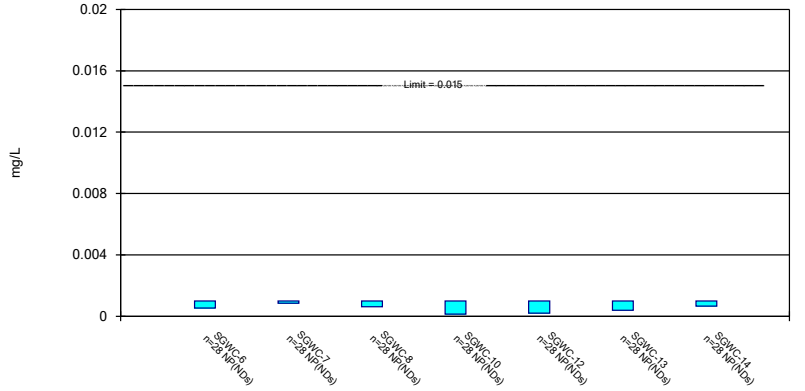


Constituent: Fluoride Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

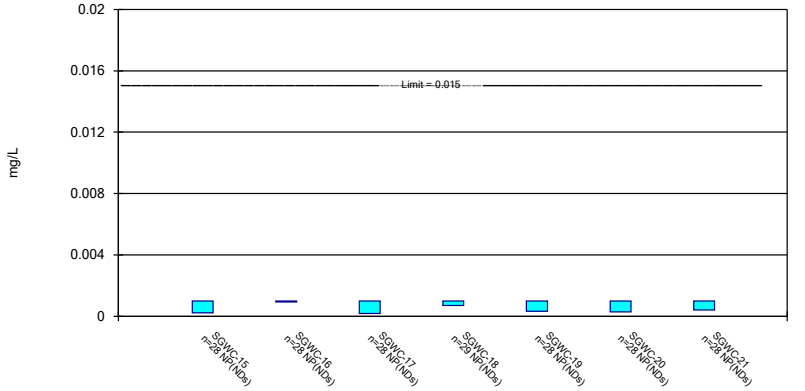


Constituent: Lead Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

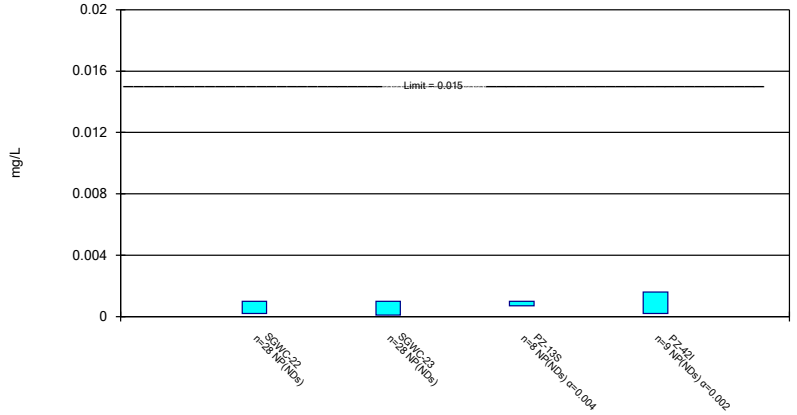


Constituent: Lead Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

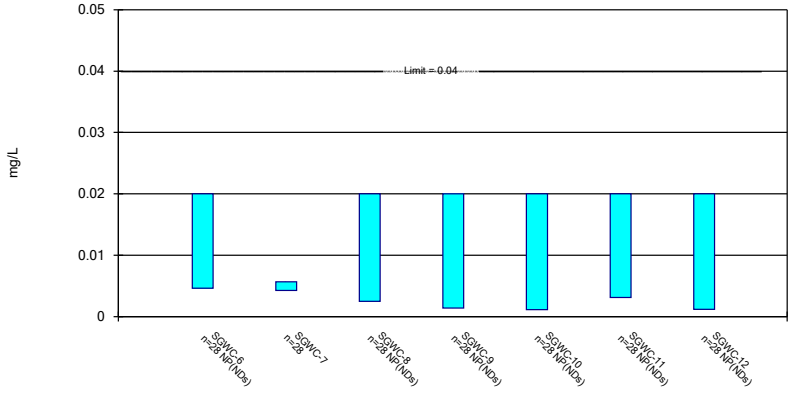


Constituent: Lead Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

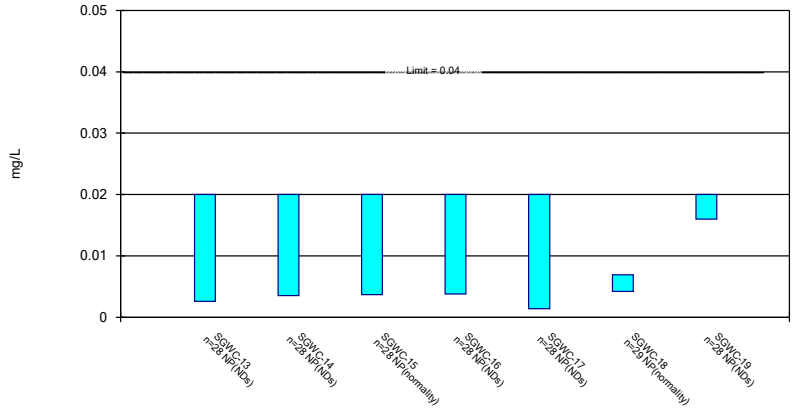


Constituent: Lithium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

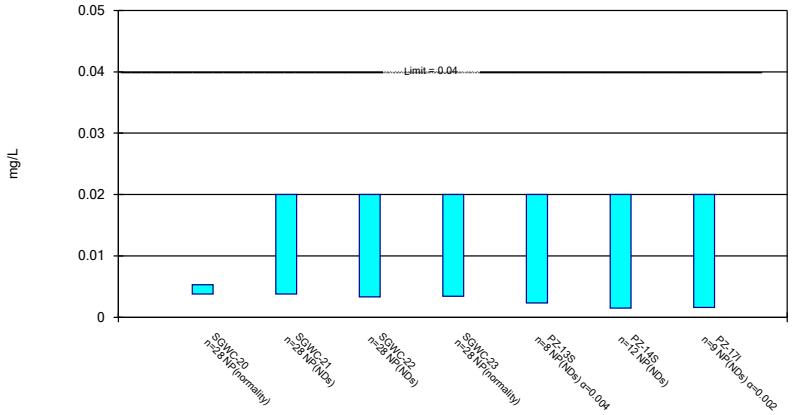


Constituent: Lithium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

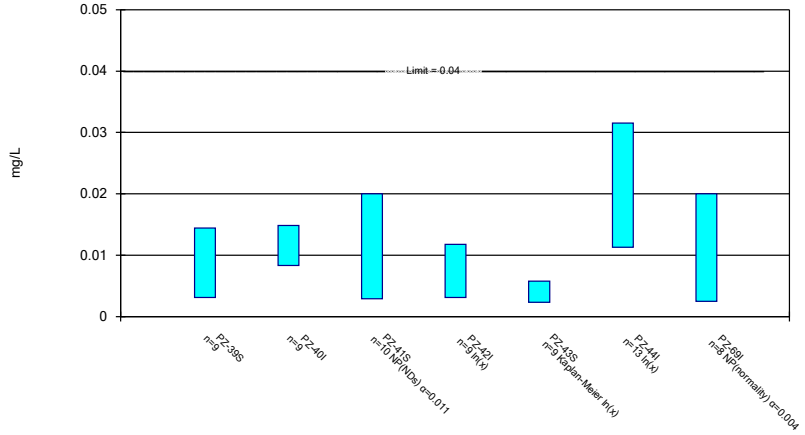


Constituent: Lithium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

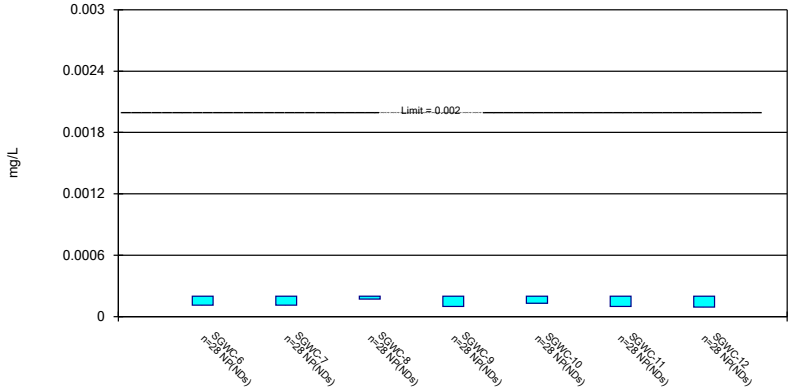


Constituent: Lithium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

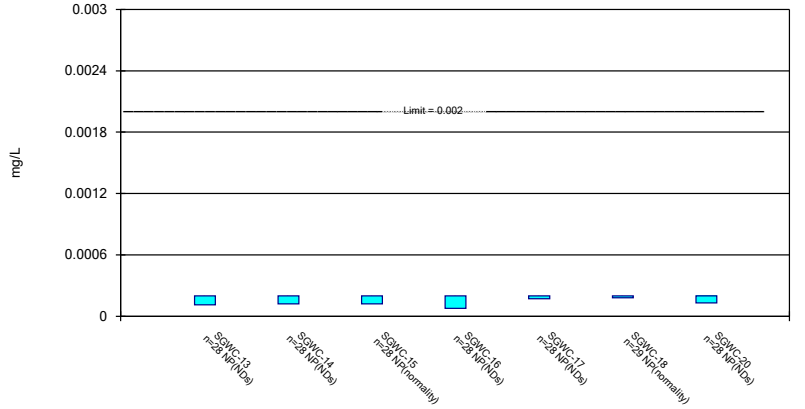


Constituent: Mercury Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

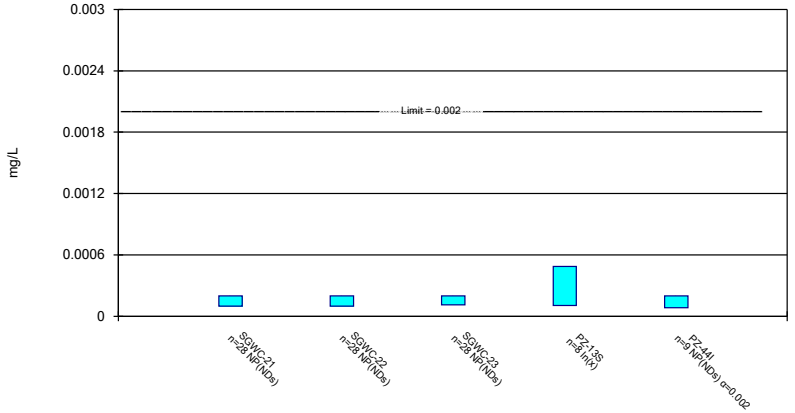


Constituent: Mercury Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

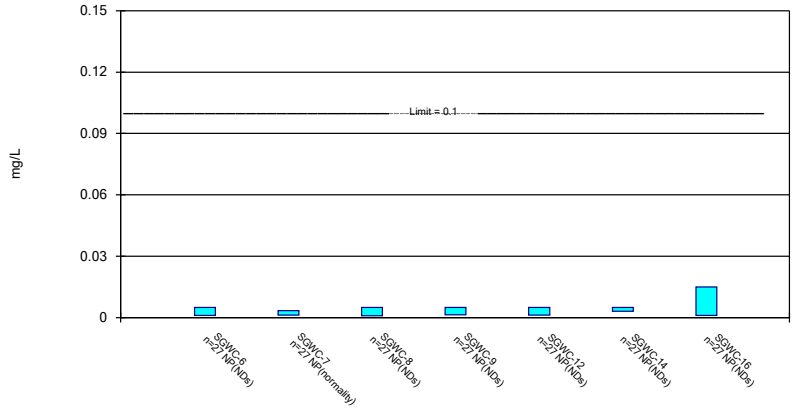


Constituent: Mercury Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

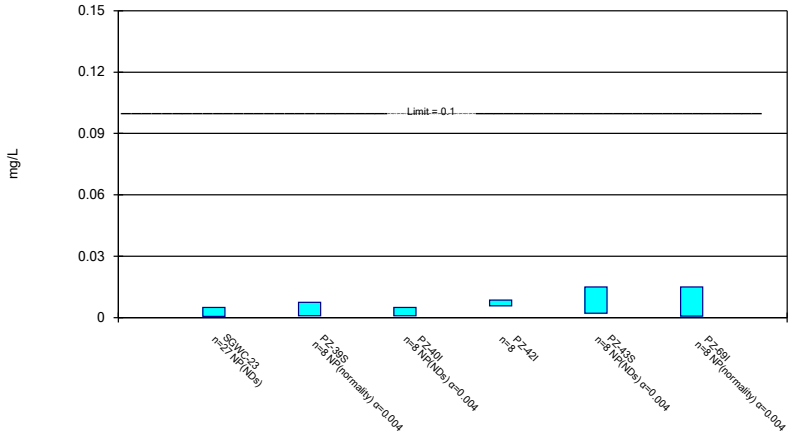


Constituent: Molybdenum Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

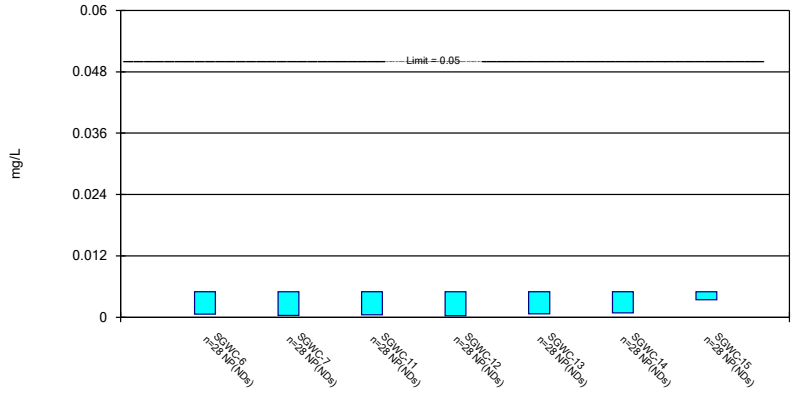


Constituent: Molybdenum Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

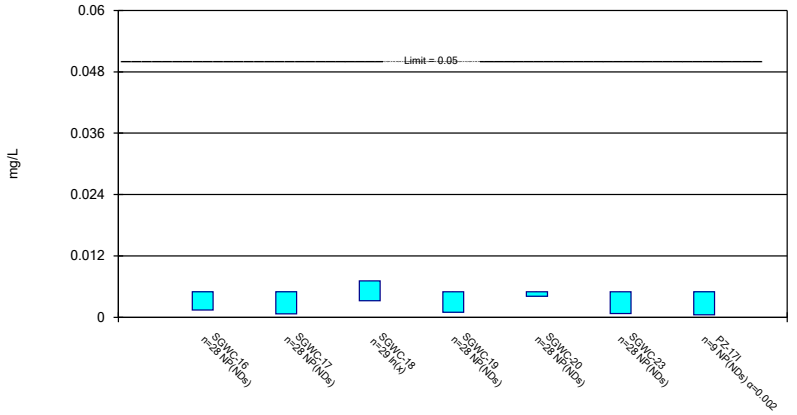


Constituent: Selenium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

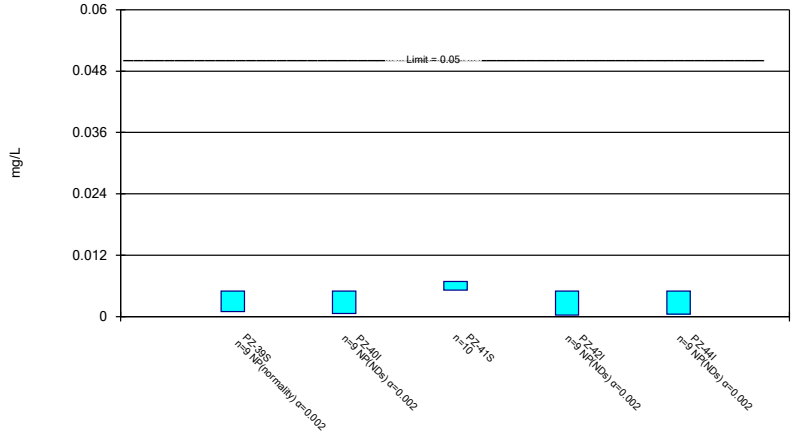


Constituent: Selenium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

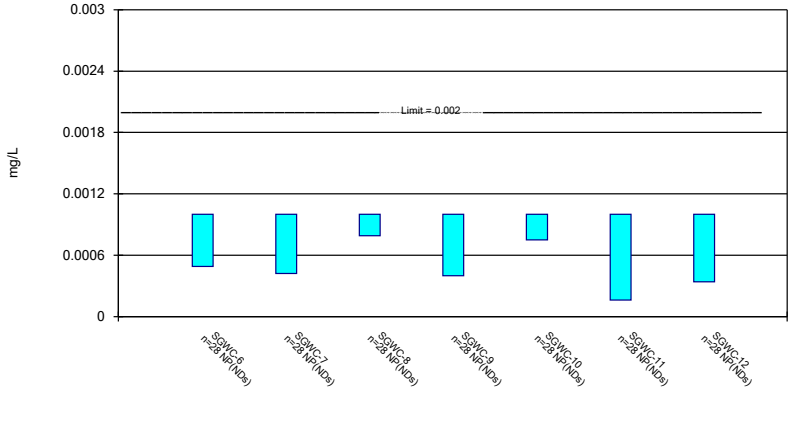


Constituent: Selenium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

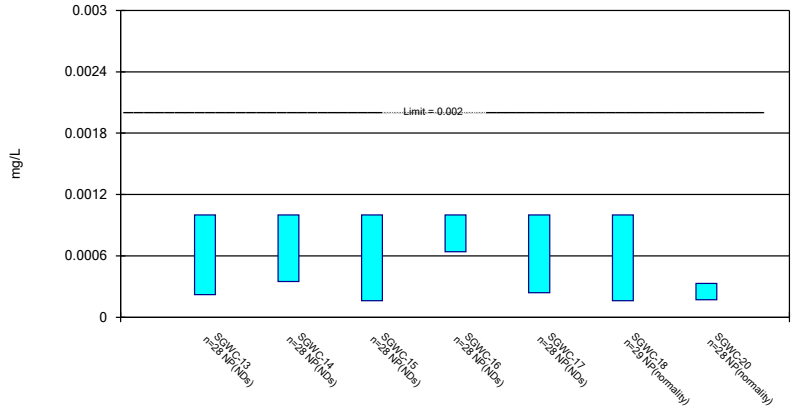


Constituent: Thallium Analysis Run 11/17/2025 10:08 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

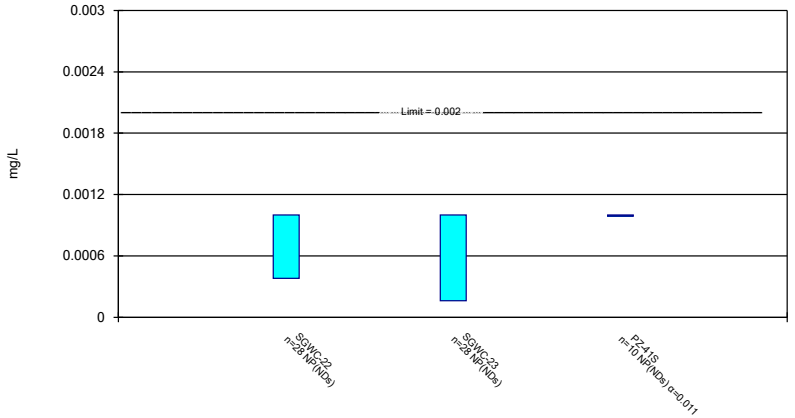


Constituent: Thallium Analysis Run 11/17/2025 10:09 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.



Constituent: Thallium Analysis Run 11/17/2025 10:09 AM View: Confidence Intervals
Plant Scherer Client: Southern Company Data: Scherer AP

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-7	SGWC-10	SGWC-13	SGWC-18	SGWC-19	SGWC-20	SGWC-21
5/11/2016	<0.005	<0.005					
5/12/2016			<0.005			<0.005	<0.005
5/13/2016				<0.005	<0.005		
6/27/2016	0.0004 (J)						
6/28/2016		0.0014 (J)	0.0004 (J)				
6/29/2016					<0.005	<0.005	<0.005
6/30/2016				0.0012 (J)			
8/17/2016	<0.005	<0.005					
8/18/2016			<0.005				
8/22/2016				<0.005	<0.005	<0.005	<0.005
10/17/2016		<0.005	<0.005				
10/18/2016	<0.005				<0.005	<0.005	<0.005
10/19/2016				<0.005			
12/6/2016	<0.005	<0.005	<0.005				
12/7/2016				<0.005			<0.005
12/8/2016					<0.005	<0.005	
2/14/2017	<0.005						
2/15/2017		<0.005	<0.005				
2/16/2017				<0.005	<0.005	<0.005	<0.005
4/12/2017	<0.005	<0.005	<0.005				
4/13/2017				<0.005	<0.005	<0.005	<0.005
6/27/2017	<0.005	<0.005	<0.005				
6/28/2017				<0.005	<0.005	<0.005	<0.005
3/27/2018	<0.005	<0.005	<0.005				
3/28/2018				<0.005	<0.005	<0.005	<0.005
10/8/2018			<0.005				<0.005
10/9/2018	<0.005	<0.005			<0.005		
2/20/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/18/2020	<0.005					<0.005	<0.005
2/19/2020		<0.005	<0.005		<0.005		
2/20/2020				<0.005			
2/9/2021	<0.005	<0.005	<0.005				
2/10/2021				<0.005	<0.005	<0.005	<0.005
8/18/2021	<0.005			<0.005			<0.005
8/19/2021		<0.005	<0.005		<0.005	<0.005	
2/9/2022	<0.005						
2/10/2022				<0.005			
2/11/2022		<0.005	<0.005		<0.005	<0.005	<0.005
8/18/2022	<0.005		<0.005				
8/19/2022		<0.005					
8/22/2022					0.0021	0.0019 (J)	0.0019 (J)
8/23/2022				<0.005			
2/22/2023	<0.005	<0.005		<0.005	<0.005	<0.005	
2/23/2023			<0.005				<0.005
8/2/2023			<0.005				
8/7/2023		<0.005		<0.005	<0.005	<0.005	
8/8/2023	<0.005						<0.005
2/20/2024					<0.005		
2/21/2024	<0.005						
2/23/2024		<0.005	<0.005				
2/26/2024						<0.005	
2/27/2024				<0.005			<0.005

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-7	SGWC-10	SGWC-13	SGWC-18	SGWC-19	SGWC-20	SGWC-21
7/31/2024	<0.005						
8/1/2024			<0.005		<0.005		
8/2/2024						<0.005	<0.005
8/5/2024		<0.005		<0.005			
2/19/2025	<0.005	<0.005	<0.005				
2/20/2025						<0.005	<0.005
2/21/2025				<0.005	<0.005		
7/24/2025					<0.005	<0.005	
7/25/2025				<0.005			
7/28/2025							<0.005
7/30/2025	<0.005	<0.005	<0.005				
Mean	0.004791	0.004836	0.004791	0.004819	0.004868	0.004852	0.004859
Std. Dev.	0.0009807	0.0007675	0.0009807	0.0008292	0.0006183	0.0006765	0.0006609
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.0004	0.0014	0.0004	0.0012	0.0021	0.0019	0.0019

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-22	SGWC-23	PZ-13S	PZ-17I	PZ-40I	PZ-42I
5/12/2016	<0.005	<0.005				
6/29/2016	<0.005	<0.005				
8/19/2016	<0.005	<0.005				
10/18/2016	<0.005	<0.005				
12/7/2016	<0.005	<0.005				
2/15/2017		<0.005				
2/16/2017	<0.005					
4/13/2017	<0.005	<0.005				
6/28/2017	<0.005	<0.005				
3/27/2018		<0.005				
3/28/2018	<0.005					
10/8/2018	<0.005	<0.005				
2/19/2019	<0.005	<0.005				
2/18/2020	<0.005	<0.005				
2/10/2021	<0.005	<0.005				
8/18/2021	<0.005	<0.005				
2/8/2022			<0.005			
2/9/2022				0.00061 (J)		<0.005
2/10/2022	<0.005	<0.005			<0.005	
8/22/2022	0.0022	0.00098 (J)				<0.005
8/23/2022					0.00089 (J)	
8/24/2022			<0.005	<0.005		
2/23/2023	<0.005	<0.005	<0.005	<0.005		<0.005
2/24/2023					<0.005	
8/1/2023				<0.005	<0.005	
8/2/2023			0.00046 (J)			<0.005
8/7/2023	<0.005					
8/8/2023		<0.005				
2/21/2024	<0.005	<0.005	<0.005			
2/26/2024				<0.005		
2/27/2024					<0.005	<0.005
8/1/2024				<0.005		
8/2/2024	<0.005	<0.005				
8/5/2024			<0.005		<0.005	<0.005
2/19/2025			<0.005			
2/20/2025	<0.005				<0.005	0.0009 (J)
2/21/2025		<0.005		<0.005		
7/28/2025	<0.005	<0.005				
7/29/2025				<0.005	<0.005	<0.005
7/30/2025			<0.005			
Mean	0.004873	0.004817	0.004432	0.004451	0.004486	0.004487
Std. Dev.	0.000597	0.0008571	0.001605	0.001552	0.001453	0.00145
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.0022	0.00098	0.00046	0.00061	0.00089	0.0009

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	<0.005	<0.005	<0.005	<0.005	<0.005	0.00103 (J)	<0.005
6/27/2016	<0.005	0.0009 (J)	<0.005				
6/28/2016					<0.005	0.0011 (J)	0.001 (J)
6/29/2016				0.0009 (J)			
8/17/2016	<0.005	0.0006 (J)	<0.005		<0.005	0.0011 (J)	
8/18/2016							0.00091 (J)
8/22/2016				<0.005			
10/17/2016	<0.005		<0.005		<0.005	0.0011 (J)	<0.005
10/18/2016		<0.005		0.00074 (J)			
12/6/2016	<0.005	<0.005	<0.005		<0.005	0.00072 (J)	<0.005
12/7/2016				0.00079 (J)			
2/14/2017	0.0006 (J)	0.00059 (J)	0.0005 (J)				
2/15/2017					0.0005 (J)	0.0011 (J)	0.00076 (J)
2/16/2017				0.00056 (J)			
4/12/2017	0.00046 (J)	0.00058 (J)	<0.005		<0.005	0.00076 (J)	0.00046 (J)
4/13/2017				0.00079 (J)			
6/27/2017	<0.005	<0.005	0.00076 (J)	0.0011 (J)	0.00074 (J)	0.0011 (J)	0.0011 (J)
3/27/2018	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
3/28/2018				<0.005			
6/6/2018	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
10/8/2018	<0.005						0.0007 (J)
10/9/2018		0.00057 (J)	0.00053 (J)	0.00068 (J)	<0.005		
10/16/2018						<0.005	
2/20/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2019		<0.005	0.001 (J)	<0.005	0.00059 (J)	0.0011 (J)	0.0012 (J)
4/2/2019	<0.005						
9/16/2019	<0.005			<0.005		<0.005	<0.005
9/17/2019		<0.005	0.00035 (J)		<0.005		
2/18/2020	<0.005	<0.005	<0.005			<0.005	
2/19/2020				0.00039 (J)	<0.005		0.00032 (J)
3/25/2020	0.00044 (J)		0.00063 (J)	<0.005	<0.005	<0.005	
3/26/2020		<0.005					0.00032 (J)
9/14/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2021				0.00033 (J)	<0.005		
4/1/2021	<0.005	0.00044 (J)	<0.005				
4/7/2021						<0.005	<0.005
8/18/2021	<0.005	<0.005	<0.005				
8/19/2021				<0.005	<0.005	<0.005	
8/20/2021							<0.005
2/9/2022	<0.005	<0.005					
2/10/2022			<0.005	<0.005		<0.005	<0.005
2/11/2022					<0.005		
8/18/2022		<0.005	<0.005	<0.005		<0.005	<0.005
8/19/2022	<0.005				<0.005		
2/22/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/23/2023							<0.005
8/1/2023	<0.005						
8/2/2023						<0.005	
8/7/2023				<0.005	<0.005		<0.005
8/8/2023		<0.005	<0.005				
2/20/2024	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
2/21/2024		<0.005	<0.005	<0.005			
2/23/2024					<0.005	<0.005	<0.005
7/31/2024		<0.005					
8/1/2024	<0.005		<0.005	<0.005		<0.005	<0.005
8/5/2024					<0.005		
2/19/2025		<0.005	<0.005	<0.005	<0.005		<0.005
2/20/2025	<0.005					<0.005	
7/29/2025	<0.005						
7/30/2025		<0.005	<0.005	<0.005	<0.005		
7/31/2025						<0.005	<0.005
Mean	0.004518	0.00406	0.004063	0.003617	0.00453	0.003718	0.003635
Std. Dev.	0.001418	0.001834	0.001829	0.00205	0.001383	0.001898	0.002028
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.0006	0.0009	0.001	0.0009	0.00074	0.0011	0.0011

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
5/12/2016	<0.005	<0.005	<0.005	<0.005	<0.005		
5/13/2016						0.00161 (J)	<0.005
6/28/2016	<0.005	<0.005	0.0026 (J)	<0.005			
6/29/2016					<0.005		<0.005
6/30/2016						0.004 (J)	
8/18/2016	<0.005	<0.005	0.0015	<0.005	<0.005		
8/22/2016						0.0012 (J)	<0.005
10/17/2016	<0.005	<0.005					
10/18/2016			0.0019	<0.005			<0.005
10/19/2016					0.0011 (J)	0.0019	
12/6/2016	<0.005						
12/7/2016		<0.005	0.00079 (J)	<0.005	<0.005	0.0012 (J)	
12/8/2016							<0.005
2/15/2017	<0.005	<0.005	0.00073 (J)		0.00059 (J)		
2/16/2017				<0.005		0.00086 (J)	<0.005
4/12/2017	0.00047 (J)	0.00057 (J)	0.0009 (J)				
4/13/2017				<0.005	0.00066 (J)	0.00058 (J)	<0.005
6/27/2017	0.00088 (J)	0.00058 (J)	0.0011 (J)	0.00055 (J)	0.00075 (J)		
6/28/2017						0.0011 (J)	0.00068 (J)
3/27/2018	<0.005	<0.005	<0.005	<0.005	<0.005		
3/28/2018						0.0015	<0.005
6/7/2018	<0.005	<0.005	<0.005	<0.005	<0.005		
6/8/2018						0.002	<0.005
10/8/2018	0.00069 (J)	0.0007 (J)		0.00054 (J)	0.00075 (J)		
10/9/2018							0.00058 (J)
10/16/2018			<0.005				
10/18/2018						0.0031	
1/2/2019						<0.005	
2/20/2019	<0.005	<0.005	0.00075 (J)	<0.005	<0.005	0.003	<0.005
4/1/2019	0.0014	0.0012 (J)	0.0016				
4/2/2019				<0.005	<0.005	0.0027	<0.005
9/17/2019	<0.005	<0.005	0.0008 (J)	<0.005	<0.005	0.0029	<0.005
2/19/2020	<0.005	<0.005	0.001	<0.005	<0.005		<0.005
2/20/2020						0.0031	
3/23/2020							<0.005
3/24/2020					<0.005		
3/26/2020						0.0047	
3/27/2020	<0.005	0.0014	0.0016	<0.005			
9/14/2020	<0.005						
9/15/2020		<0.005	0.0014	<0.005	<0.005	0.0045	<0.005
2/9/2021	<0.005	<0.005	0.0013	<0.005			
2/10/2021					0.00038 (J)	0.0033	<0.005
3/30/2021						0.0028	<0.005
3/31/2021			0.0012				
4/1/2021				0.00033 (J)	<0.005		
4/6/2021		<0.005					
4/7/2021	<0.005						
8/18/2021					<0.005	0.0028	
8/19/2021	<0.005	<0.005	0.0014	<0.005			<0.005
2/10/2022				<0.005		0.0043	
2/11/2022	<0.005		0.0021		<0.005		<0.005
2/14/2022		<0.005					

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
8/18/2022	<0.005						
8/19/2022		<0.005	0.00066 (J)				
8/22/2022							<0.005
8/23/2022						0.0021	
8/31/2022				<0.005	<0.005		
2/22/2023					<0.005	0.0015	<0.005
2/23/2023	<0.005	<0.005	0.0012	<0.005			
8/2/2023	<0.005						
8/7/2023			<0.005		<0.005	0.00093 (J)	<0.005
8/8/2023		<0.005		<0.005			
2/20/2024							<0.005
2/23/2024	<0.005						
2/26/2024			0.0032	<0.005	<0.005		
2/27/2024		<0.005				0.0018	
8/1/2024	<0.005	<0.005	0.0018	<0.005			<0.005
8/5/2024					<0.005	0.0018	
2/19/2025	<0.005	<0.005		<0.005	<0.005		
2/20/2025			0.0012				
2/21/2025						0.0012	<0.005
7/23/2025				<0.005	<0.005		
7/24/2025							<0.005
7/25/2025						<0.005	
7/30/2025	<0.005		<0.005				
7/31/2025		<0.005					
Mean	0.004409	0.004266	0.002169	0.004515	0.00408	0.002327	0.004688
Std. Dev.	0.001481	0.00161	0.001606	0.001426	0.001798	0.001132	0.001146
Upper Lim.	0.005	0.005	0.0026	0.005	0.005	0.002845	0.005
Lower Lim.	0.0014	0.0014	0.0011	0.00055	0.0011	0.001808	0.00068

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-39S	PZ-42I	PZ-69I
5/12/2016	<0.005	<0.005	<0.005	<0.005			
6/29/2016	0.0018 (J)	<0.005	<0.005	<0.005			
8/19/2016			<0.005	<0.005			
8/22/2016	0.001 (J)	<0.005					
10/18/2016	0.00085 (J)	<0.005	<0.005	<0.005			
12/7/2016		<0.005	<0.005	<0.005			
12/8/2016	<0.005						
2/15/2017				<0.005			
2/16/2017	<0.005	<0.005	<0.005				
4/13/2017	<0.005	<0.005	0.0006 (J)	0.00061 (J)			
6/28/2017	0.00094 (J)	0.00076 (J)	0.00089 (J)	0.00079 (J)			
3/27/2018				<0.005			
3/28/2018	<0.005	<0.005	<0.005				
6/7/2018	<0.005	<0.005	<0.005	<0.005			
10/8/2018		<0.005	<0.005	<0.005			
10/17/2018					0.0019		
10/18/2018	<0.005					<0.005	
2/19/2019			<0.005	<0.005			
2/20/2019	<0.005	<0.005					
4/2/2019	<0.005	<0.005	<0.005	<0.005			
9/17/2019	0.00037 (J)	<0.005					
9/18/2019			0.00035 (J)	<0.005			
2/18/2020	0.00032 (J)	<0.005	0.00034 (J)	<0.005			
3/23/2020	0.0005 (J)	<0.005					
3/24/2020			<0.005	<0.005			
9/15/2020	0.00051 (J)	<0.005	<0.005	<0.005			
2/10/2021	0.00059 (J)	<0.005	<0.005	<0.005			
3/30/2021	0.00049 (J)	<0.005					
3/31/2021			<0.005	<0.005			
8/18/2021		<0.005	<0.005	<0.005			
8/19/2021	0.00066 (J)						
2/9/2022					<0.005	<0.005	
2/10/2022			0.00031 (J)	<0.005			0.00059 (J)
2/11/2022	0.00081 (J)	<0.005					
8/22/2022	0.00042 (J)	<0.005	0.00044 (J)	<0.005		0.00049 (J)	
8/23/2022					0.00028 (J)		
8/24/2022							0.00074 (J)
2/22/2023	0.00046 (J)						
2/23/2023		<0.005	<0.005	<0.005		<0.005	
2/24/2023					<0.005		0.0007 (J)
8/2/2023					<0.005	<0.005	<0.005
8/7/2023	<0.005		<0.005				
8/8/2023		<0.005		<0.005			
2/21/2024			<0.005	<0.005			
2/23/2024							<0.005
2/26/2024	0.0015						
2/27/2024		<0.005			<0.005	<0.005	
8/2/2024	0.00098 (J)	<0.005	<0.005	<0.005			<0.005
8/5/2024						<0.005	
8/6/2024					<0.005		
2/20/2025	<0.005	<0.005	<0.005			<0.005	
2/21/2025				<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-39S	PZ-42I	PZ-69I
2/24/2025					<0.005		<0.005
7/24/2025	<0.005						
7/28/2025		<0.005	<0.005	<0.005			
7/29/2025					<0.005	<0.005	<0.005
Mean	0.002579	0.004849	0.004033	0.004693	0.004131	0.004499	0.003379
Std. Dev.	0.002158	0.0008013	0.001888	0.001128	0.001771	0.001503	0.002238
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.00059	0.00076	0.00089	0.00079	0.00028	0.00049	0.00059

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	0.0933	0.295	0.251	0.0494	0.0294	0.038	0.0324
6/27/2016	0.101	0.353	0.205				
6/28/2016					0.0293	0.0363	0.0321
6/29/2016				0.0535			
8/17/2016	0.094	0.29	0.16		0.029	0.033	
8/18/2016							0.03
8/22/2016				0.049			
10/17/2016	0.11		0.17		0.027	0.035	0.032
10/18/2016		0.29		0.049			
12/6/2016	0.11	0.31	0.16		0.03	0.035	0.032
12/7/2016				0.048			
2/14/2017	0.056	0.3	0.18				
2/15/2017					0.025	0.036	0.036
2/16/2017				0.056			
4/12/2017	0.048	0.3	0.18		0.028	0.038	0.037
4/13/2017				0.063			
6/27/2017	0.058	0.36	0.18	0.067	0.034	0.042	0.042
3/27/2018	0.021	0.27	0.17		0.031	0.039	0.043
3/28/2018				0.069			
6/6/2018	0.014	0.24	0.18	0.069	0.027	0.041	0.048
10/8/2018	0.069						0.049
10/9/2018		0.28	0.17	0.077	0.032		
10/16/2018						0.037	
2/20/2019	0.052	0.28	0.2	0.077	0.036	0.044	0.054
4/1/2019		0.24	0.19	0.071	0.039	0.041	0.051
4/2/2019	0.069						
9/16/2019	0.13			0.077		0.045	0.052
9/17/2019		0.23	0.19		0.029		
2/18/2020	0.083	0.25	0.17			0.044	
2/19/2020				0.065	0.027		0.053
3/25/2020	0.12		0.19	0.066	0.036	0.046	
3/26/2020		0.23					0.051
9/14/2020	0.14	0.27	0.18	0.059	0.027	0.042	0.057
2/9/2021	0.12	0.26	0.18	0.054	0.028	0.043	0.058
3/31/2021				0.061	0.036		
4/1/2021	0.12	0.26	0.17				
4/7/2021						0.046	0.058
8/18/2021	0.13	0.24	0.16				
8/19/2021				0.043	0.025	0.045	
8/20/2021							0.057
2/9/2022	0.13	0.21					
2/10/2022			0.18	0.047		0.045	0.057
2/11/2022					0.025		
8/18/2022		0.2	0.16	0.05		0.044	0.056
8/19/2022	0.15				0.027		
2/22/2023	0.12	0.22	0.13	0.044	0.038	0.044	
2/23/2023							0.058
8/1/2023	0.14						
8/2/2023						0.048	
8/7/2023				0.049	0.032		0.053
8/8/2023		0.24	0.13				
2/20/2024	0.13						

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
2/21/2024		0.22	0.12	0.046			
2/23/2024					0.036	0.062	0.073
7/31/2024		0.25					
8/1/2024	0.17		0.13	0.046		0.059	0.072
8/5/2024					0.041		
2/19/2025		0.25	0.14	0.035	0.043		0.075
2/20/2025	0.17					0.072	
7/29/2025	0.17						
7/30/2025		0.27	0.14	0.066	0.055		
7/31/2025						0.087	0.073
Mean	0.1042	0.2646	0.1702	0.05735	0.0322	0.04526	0.05077
Std. Dev.	0.04301	0.03892	0.02727	0.01164	0.006733	0.01178	0.01323
Upper Lim.	0.1243	0.2828	0.183	0.06279	0.0348	0.045	0.05695
Lower Lim.	0.08413	0.2464	0.1575	0.05192	0.02899	0.038	0.04459

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
5/12/2016	0.0198	0.067	0.041	0.0163	0.0157		
5/13/2016						0.0138	0.0507
6/28/2016	0.0208	0.0668	0.0435	0.0165			
6/29/2016					0.0161		0.0485
6/30/2016						0.0145	
8/18/2016	0.022	0.06	0.043	0.017	0.016		
8/22/2016						0.014	0.044
10/17/2016	0.024	0.06					
10/18/2016			0.041	0.017			0.042
10/19/2016					0.023	0.016	
12/6/2016	0.025						
12/7/2016		0.063	0.042	0.017	0.018	0.015	
12/8/2016							0.045
2/15/2017	0.026	0.061	0.038		0.02		
2/16/2017				0.017		0.013	0.04
4/12/2017	0.029	0.062	0.038				
4/13/2017				0.019	0.019	0.012	0.037
6/27/2017	0.031	0.06	0.041	0.02	0.019		
6/28/2017						0.012	0.04
3/27/2018	0.029	0.055	0.035	0.021	0.02		
3/28/2018						0.029	0.034
6/7/2018	0.032	0.057	0.035	0.022	0.02		
6/8/2018						0.032	0.035
10/8/2018	0.033	0.053		0.025	0.021		
10/9/2018							0.037
10/16/2018			0.031				
10/18/2018						0.033	
1/2/2019						0.027	
2/20/2019	0.041	0.053	0.036	0.027	0.023	0.034	0.036
4/1/2019	0.038	0.054	0.034				
4/2/2019				0.023	0.02	0.028	0.03
9/17/2019	0.036	0.048	0.034	0.029	0.025	0.026	0.035
2/19/2020	0.033	0.047	0.031	0.029	0.022		0.034
2/20/2020						0.023	
3/23/2020							0.032
3/24/2020					0.024		
3/26/2020						0.02	
3/27/2020	0.034	0.049	0.028	0.027			
9/14/2020	0.039						
9/15/2020		0.05	0.031	0.031	0.025	0.02	0.034
2/9/2021	0.036	0.046	0.029	0.03			
2/10/2021					0.023	0.016	0.031
3/30/2021						0.015	0.03
3/31/2021			0.028				
4/1/2021				0.029	0.022		
4/6/2021		0.048					
4/7/2021	0.037						
8/18/2021					0.024	0.022	
8/19/2021	0.036	0.042	0.027	0.029			0.027
2/10/2022				0.034		0.013	
2/11/2022	0.034		0.027		0.025		0.032
2/14/2022		0.047					

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
8/18/2022	0.036						
8/19/2022		0.048	0.025				
8/22/2022							0.023
8/23/2022						0.012	
8/31/2022				0.033	0.033		
2/22/2023					0.024	0.0098 (J)	0.022
2/23/2023	0.035	0.038	0.023	0.035			
8/2/2023	0.036						
8/7/2023			0.031		0.026	0.0092 (J)	0.022
8/8/2023		0.045		0.043			
2/20/2024							0.024
2/23/2024	0.043						
2/26/2024			0.028	0.05	0.029		
2/27/2024		0.042				0.01	
8/1/2024	0.048	0.037	0.028	0.054			0.025
8/5/2024					0.025	0.011	
2/19/2025	0.044	0.032		0.059	0.032		
2/20/2025			0.025				
2/21/2025						0.0093 (J)	0.024
7/23/2025				0.059	0.031		
7/24/2025							0.023
7/25/2025						0.011	
7/30/2025	0.047		0.025				
7/31/2025		0.031					
Mean	0.03374	0.05078	0.0328	0.0296	0.02289	0.01795	0.03347
Std. Dev.	0.007438	0.009802	0.006228	0.01274	0.004544	0.007802	0.0081
Upper Lim.	0.03721	0.05536	0.03571	0.03374	0.02501	0.02072	0.03726
Lower Lim.	0.03026	0.0462	0.02989	0.02306	0.02076	0.014	0.02969

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
5/12/2016	0.0436	0.0914	0.1	0.0959			
6/29/2016	0.0466	0.0933	0.0991	0.0957			
8/19/2016			0.096	0.093			
8/22/2016	0.038	0.086					
10/18/2016	0.039	0.093	0.096	0.093			
12/7/2016		0.096	0.09	0.09			
12/8/2016	0.038						
2/15/2017				0.09			
2/16/2017	0.034	0.091	0.091				
4/13/2017	0.028	0.088	0.091	0.081			
6/28/2017	0.03	0.094	0.1	0.085			
3/27/2018				0.076			
3/28/2018	0.027	0.09	0.084				
6/7/2018	0.029	0.092	0.084	0.082			
10/8/2018		0.092	0.084	0.077			
10/18/2018	0.027						0.055
1/10/2019						0.032	
2/19/2019			0.075	0.064			
2/20/2019	0.03	0.1					
4/2/2019	0.023	0.087	0.076	0.068			
9/17/2019	0.025	0.097					
9/18/2019			0.078	0.068			
2/13/2020						0.036	
2/18/2020	0.023	0.11	0.085	0.065			
3/23/2020	0.024	0.1					
3/24/2020			0.081	0.065			
9/15/2020	0.024	0.13	0.083	0.064			
2/10/2021	0.023	0.12	0.078	0.066			
3/30/2021	0.021	0.12					
3/31/2021			0.072	0.059			
8/18/2021		0.12	0.074	0.056			
8/19/2021	0.02						
2/8/2022					0.049	0.033	
2/9/2022							0.06
2/10/2022			0.07	0.064			
2/11/2022	0.022	0.11					
8/22/2022	0.021	0.1	0.075	0.056			
8/23/2022						0.034	
8/24/2022					0.046		0.058
2/22/2023	0.018						
2/23/2023		0.1	0.082	0.06	0.049	0.036	0.062
8/1/2023						0.034	0.054
8/2/2023					0.046		
8/7/2023	0.02		0.074				
8/8/2023		0.12		0.058			
2/21/2024			0.075	0.056	0.049		
2/26/2024	0.021						0.068
2/27/2024		0.12					
2/28/2024						0.037	
8/1/2024							0.063
8/2/2024	0.023	0.13	0.08	0.06			
8/5/2024					0.043	0.031	

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
2/19/2025					0.041	0.038	
2/20/2025	0.022	0.12	0.071				
2/21/2025				0.064			0.06
7/24/2025	0.021						
7/28/2025		0.12	0.064	0.052			
7/29/2025						0.034	0.057
7/30/2025					0.043		
Mean	0.02719	0.104	0.08243	0.07156	0.04575	0.0345	0.05967
Std. Dev.	0.007639	0.01415	0.009836	0.014	0.003151	0.002224	0.00433
Upper Lim.	0.03	0.12	0.08703	0.07747	0.04909	0.03648	0.06385
Lower Lim.	0.02342	0.092	0.07784	0.06465	0.04241	0.03252	0.05549

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018						0.014	
10/17/2018	0.02						
10/18/2018		0.089	0.059	0.1	0.12		
2/19/2020			0.032				
2/9/2022	0.04		0.026	0.056	0.085	0.0078 (J)	
2/10/2022		0.042					0.14
8/22/2022				0.052			
8/23/2022	0.039	0.055					
8/24/2022			0.025		0.07	0.0079 (J)	0.13
2/23/2023			0.026	0.052			
2/24/2023	0.045	0.039			0.076		0.16
2/28/2023						0.008 (J)	
8/1/2023		0.038					
8/2/2023	0.043		0.023	0.05	0.074	0.0092 (J)	0.17
2/23/2024						0.009 (J)	0.19
2/27/2024	0.042	0.036	0.025	0.05	0.074		
8/1/2024						0.01	
8/2/2024					0.075		0.19
8/5/2024		0.033		0.051			
8/6/2024	0.038		0.023				
2/20/2025		0.033		0.047			
2/21/2025			0.024				
2/24/2025	0.043				0.07	0.0099 (J)	0.18
7/29/2025	0.042	0.031	0.023	0.047	0.052	0.012	0.17
Mean	0.03911	0.044	0.0286	0.05611	0.07733	0.009756	0.1663
Std. Dev.	0.007491	0.01832	0.01101	0.01668	0.01823	0.002073	0.022
Upper Lim.	0.04414	0.089	0.032	0.1	0.09337	0.01176	0.1896
Lower Lim.	0.03557	0.031	0.023	0.047	0.06129	0.007755	0.1429

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-13
5/11/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
5/12/2016							<0.001
6/27/2016	<0.001	<0.001	<0.001				
6/28/2016					<0.001	<0.001	<0.001
6/29/2016				<0.001			
8/17/2016	<0.001	<0.001	<0.001		<0.001	<0.001	
8/18/2016							<0.001
8/22/2016				<0.001			
10/17/2016	<0.001		<0.001		<0.001	<0.001	<0.001
10/18/2016		<0.001		<0.001			
12/6/2016	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
12/7/2016				<0.001			
2/14/2017	<0.001	<0.001	<0.001				
2/15/2017					<0.001	<0.001	<0.001
2/16/2017				<0.001			
4/12/2017	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
4/13/2017				<0.001			
6/27/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2018	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
3/28/2018				<0.001			
6/6/2018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
6/7/2018							<0.001
10/8/2018	<0.001						<0.001
10/9/2018		<0.001	<0.001	<0.001	<0.001		
10/16/2018						<0.001	
2/20/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2019		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/2/2019	<0.001						
9/16/2019	<0.001			<0.001		<0.001	
9/17/2019		<0.001	0.00019 (J)		<0.001		<0.001
2/18/2020	<0.001	<0.001	<0.001			<0.001	
2/19/2020				<0.001	0.00026 (J)		<0.001
3/25/2020	0.0002 (J)		0.0003 (J)	<0.001	<0.001	<0.001	
3/26/2020		<0.001					
3/27/2020							<0.001
9/14/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/31/2021				<0.001	<0.001		
4/1/2021	<0.001	<0.001	<0.001				
4/7/2021						<0.001	<0.001
8/18/2021	<0.001	<0.001	<0.001				
8/19/2021				<0.001	<0.001	<0.001	<0.001
2/9/2022	<0.001	<0.001					
2/10/2022			<0.001	<0.001		<0.001	
2/11/2022					<0.001		<0.001
8/18/2022		<0.001	<0.001	<0.001		<0.001	<0.001
8/19/2022	<0.001				<0.001		
2/22/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/23/2023							<0.001
8/1/2023	<0.001						
8/2/2023						<0.001	<0.001
8/7/2023				<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-13
8/8/2023		<0.001	<0.001				
2/20/2024	<0.001						
2/21/2024		0.00033 (J)	<0.001	<0.001			
2/23/2024					<0.001	<0.001	<0.001
7/31/2024		<0.001					
8/1/2024	<0.001		<0.001	<0.001		<0.001	<0.001
8/5/2024					<0.001		
2/19/2025		<0.001	<0.001	<0.001	<0.001		<0.001
2/20/2025	<0.001					<0.001	
7/29/2025	<0.001						
7/30/2025		0.00021 (J)	0.00057 (J)	0.00032 (J)	0.00048 (J)		0.00039 (J)
7/31/2025						0.00032 (J)	
Mean	0.0009714	0.0009479	0.0009307	0.0009757	0.000955	0.0009757	0.0009782
Std. Dev.	0.0001512	0.0001921	0.0002105	0.0001285	0.0001679	0.0001285	0.0001153
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.0002	0.00033	0.00057	0.00032	0.00048	0.00032	0.00039

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19	SGWC-20
5/12/2016	<0.001	<0.001	<0.001	<0.001			0.000742 (J)
5/13/2016					<0.001	<0.001	
6/28/2016	<0.001	0.0003 (J)	<0.001				
6/29/2016				<0.001		0.0002 (J)	0.0007 (J)
6/30/2016					0.0003 (J)		
8/18/2016	<0.001	0.00037 (J)	<0.001	<0.001			
8/22/2016					<0.001	<0.001	0.00074 (J)
10/17/2016	<0.001						
10/18/2016		<0.001	<0.001			<0.001	0.00075 (J)
10/19/2016				<0.001	<0.001		
12/7/2016	<0.001	<0.001	<0.001	<0.001	<0.001		
12/8/2016						<0.001	0.00093 (J)
2/15/2017	<0.001	0.00037 (J)		<0.001			
2/16/2017			<0.001		<0.001	<0.001	0.00091 (J)
4/12/2017	<0.001	0.00035 (J)					
4/13/2017			<0.001	<0.001	<0.001	<0.001	0.00065 (J)
6/27/2017	<0.001	0.0004 (J)	<0.001	<0.001			
6/28/2017					<0.001	<0.001	0.00073 (J)
3/27/2018	<0.001	0.00041 (J)	<0.001	<0.001			
3/28/2018					0.00036 (J)	<0.001	0.00079 (J)
6/7/2018	<0.001	0.00038 (J)	<0.001	<0.001			0.00086 (J)
6/8/2018					0.00035 (J)	<0.001	
10/8/2018	<0.001		<0.001	<0.001			
10/9/2018						<0.001	
10/16/2018		0.0004 (J)					
10/18/2018					<0.001		0.00079 (J)
1/2/2019					<0.001		
2/20/2019	<0.001	0.00042 (J)	<0.001	<0.001	0.00033 (J)	0.00016 (J)	0.00077 (J)
4/1/2019	<0.001	0.00034 (J)					
4/2/2019			<0.001	<0.001	<0.001	<0.001	0.00043 (J)
9/17/2019	<0.001	0.00046 (J)	<0.001	<0.001	0.00035 (J)	<0.001	0.00057 (J)
2/18/2020							0.00052 (J)
2/19/2020	<0.001	0.00045 (J)	<0.001	<0.001		<0.001	
2/20/2020					0.00049 (J)		
3/23/2020						<0.001	0.00077 (J)
3/24/2020				<0.001			
3/26/2020					0.00033 (J)		
3/27/2020	0.00053 (J)	0.00059 (J)	<0.001				
9/15/2020	0.0002 (J)	0.00053 (J)	<0.001	<0.001	0.0003 (J)	0.00018 (J)	0.00078 (J)
2/9/2021	<0.001	0.00044 (J)	<0.001				
2/10/2021				0.00028 (J)	0.00036 (J)	0.00019 (J)	0.0009 (J)
3/30/2021					0.00025 (J)	0.00018 (J)	0.00058 (J)
3/31/2021		0.00045 (J)					
4/1/2021			<0.001	<0.001			
4/6/2021	<0.001						
8/18/2021				<0.001	0.00035 (J)		
8/19/2021	<0.001	0.00033 (J)	<0.001			<0.001	0.00091 (J)
2/10/2022			<0.001		<0.001		
2/11/2022		0.0004 (J)		<0.001		<0.001	0.00074 (J)
2/14/2022	<0.001						
8/19/2022	<0.001	0.00039 (J)					
8/22/2022						<0.001	0.00062 (J)

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19	SGWC-20
8/23/2022					<0.001		
8/31/2022			<0.001	<0.001			
2/22/2023				<0.001	<0.001	<0.001	0.00044 (J)
2/23/2023	<0.001	0.00038 (J)	<0.001				
8/7/2023		0.00046 (J)		<0.001	0.0002 (J)	<0.001	0.00052 (J)
8/8/2023	<0.001		<0.001				
2/20/2024						<0.001	
2/26/2024		0.00051 (J)	<0.001	<0.001			0.001 (J)
2/27/2024	<0.001				<0.001		
8/1/2024	<0.001	0.00052 (J)	<0.001			0.00022 (J)	
8/2/2024							0.00087 (J)
8/5/2024				<0.001	<0.001		
2/19/2025	<0.001		<0.001	<0.001			
2/20/2025		0.00054 (J)					0.0011 (J)
2/21/2025					<0.001	<0.001	
7/23/2025			0.00044 (J)	<0.001			
7/24/2025						0.00018 (J)	0.00055 (J)
7/25/2025					0.00018 (J)		
7/30/2025		0.0011					
7/31/2025	0.00022 (J)						
Mean	0.0009268	0.0004568	0.00098	0.0009743	0.0006948	0.0007968	0.0007379
Std. Dev.	0.000221	0.0001449	0.0001058	0.0001361	0.0003484	0.0003585	0.0001671
Upper Lim.	0.001	0.0005	0.001	0.001	0.001	0.001	0.000816
Lower Lim.	0.00053	0.00038	0.00044	0.00028	0.00035	0.00022	0.0006598

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-22
5/12/2016	<0.001
6/29/2016	<0.001
8/19/2016	<0.001
10/18/2016	<0.001
12/7/2016	<0.001
2/16/2017	<0.001
4/13/2017	<0.001
6/28/2017	<0.001
3/28/2018	<0.001
6/7/2018	<0.001
10/8/2018	<0.001
2/19/2019	<0.001
4/2/2019	<0.001
9/18/2019	<0.001
2/18/2020	<0.001
3/24/2020	<0.001
9/15/2020	0.00033 (J)
2/10/2021	<0.001
3/31/2021	<0.001
8/18/2021	<0.001
2/10/2022	<0.001
8/22/2022	<0.001
2/23/2023	<0.001
8/7/2023	<0.001
2/21/2024	<0.001
8/2/2024	<0.001
2/20/2025	<0.001
7/28/2025	<0.001
Mean	0.0009761
Std. Dev.	0.0001266
Upper Lim.	0.001
Lower Lim.	0.00033

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-8	SGWC-11	SGWC-14	SGWC-15	SGWC-16	SGWC-18
5/11/2016	<0.0007	<0.0007	<0.0007				
5/12/2016				0.000136 (J)	0.000265 (J)	<0.0025	
5/13/2016							0.00016 (J)
6/27/2016	<0.0007	<0.0007					
6/28/2016			<0.0007	<0.0007	0.0003 (J)	<0.0025	
6/30/2016							0.0002 (J)
8/17/2016	<0.0007	<0.0007	<0.0007				
8/18/2016				<0.0007	<0.0025	<0.0025	
8/22/2016							<0.0025
10/17/2016	<0.0007	<0.0007	<0.0007	<0.0007			
10/18/2016					<0.0025	<0.0025	
10/19/2016							<0.0025
12/6/2016	<0.0007	<0.0007	<0.0007				
12/7/2016				<0.0007	<0.0025	<0.0025	<0.0025
2/14/2017	<0.0007	<0.0007					
2/15/2017			<0.0007	<0.0007	0.00044 (J)		
2/16/2017						<0.0025	<0.0025
4/12/2017	<0.0007	<0.0007	<0.0007	<0.0007	<0.0025		
4/13/2017						<0.0025	<0.0025
6/27/2017	<0.0007	<0.0007	<0.0007	<0.0007	<0.0025	<0.0025	
6/28/2017							<0.0025
3/27/2018	<0.0007	<0.0007	<0.0007	<0.0007	<0.0025	<0.0025	
3/28/2018							<0.0025
10/8/2018	<0.0007			<0.0007		<0.0025	
10/9/2018		<0.0007					
10/16/2018			<0.0007		<0.0025		
10/18/2018							<0.0025
2/20/2019	<0.0007	<0.0007	<0.0007	<0.0007	0.00033 (J)	<0.0025	0.00023 (J)
4/1/2019		<0.0007	<0.0007	<0.0007	<0.0025		
4/2/2019	<0.0007					<0.0025	<0.0025
9/16/2019	<0.0007		<0.0007				
9/17/2019		<0.0007		<0.0007	0.00034 (J)	<0.0025	0.00018 (J)
2/18/2020	<0.0007	<0.0007	<0.0007				
2/19/2020				<0.0007	0.0003 (J)	<0.0025	
2/20/2020							0.00032 (J)
3/25/2020	0.00022 (J)	0.00031 (J)	<0.0007				
3/26/2020							<0.0025
3/27/2020				0.00057 (J)	0.00042 (J)	<0.0025	
9/14/2020	<0.0007	<0.0007	<0.0007				
9/15/2020				<0.0007	0.00032 (J)	<0.0025	<0.0025
2/9/2021	<0.0007	<0.0007	<0.0007	<0.0007	0.0003 (J)	<0.0025	
2/10/2021							0.00035 (J)
3/30/2021							<0.0025
3/31/2021					0.00027 (J)		
4/1/2021	<0.0007	<0.0007				<0.0025	
4/6/2021				<0.0007			
4/7/2021			<0.0007				
8/18/2021	<0.0007	<0.0007					<0.0025
8/19/2021			0.00022 (J)	<0.0007	0.00026 (J)	<0.0025	
2/9/2022	<0.0007						
2/10/2022		<0.0007	<0.0007			<0.0025	<0.0025
2/11/2022					0.00024 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-8	SGWC-11	SGWC-14	SGWC-15	SGWC-16	SGWC-18
2/14/2022				<0.0007			
8/18/2022		<0.0007	<0.0007				
8/19/2022	<0.0007			<0.0007	0.00024 (J)		
8/23/2022							<0.0025
8/31/2022						<0.0025	
2/22/2023	<0.0007	<0.0007	<0.0007				<0.0025
2/23/2023				<0.0007	0.00023 (J)	<0.0025	
8/1/2023	<0.0007						
8/2/2023			<0.0007				
8/7/2023					0.00046 (J)		0.00024 (J)
8/8/2023		<0.0007		0.00011 (J)		<0.0025	
2/20/2024	<0.0007						
2/21/2024		<0.0007					
2/23/2024			<0.0007				
2/26/2024					0.00047 (J)	<0.0025	
2/27/2024				<0.0007			0.00032 (J)
8/1/2024	<0.0007	<0.0007	<0.0007	8E-05 (J)	0.00033 (J)	<0.0025	
8/5/2024							0.00013 (J)
2/19/2025		<0.0007		0.00011 (J)		<0.0025	
2/20/2025	<0.0007		<0.0007		0.00024 (J)		
2/21/2025							<0.0025
7/23/2025						0.00042 (J)	
7/25/2025							0.00072
7/29/2025	<0.0007						
7/30/2025		<0.0007			0.0004 (J)		
7/31/2025			<0.0007	<0.0007			
Mean	0.0006822	0.0006856	0.0006822	0.0006076	0.0009687	0.002423	0.00168
Std. Dev.	9.238E-05	7.506E-05	9.238E-05	0.0002135	0.001015	0.0004003	0.001095
Upper Lim.	0.0007	0.0007	0.0007	0.0007	0.00047	0.0025	0.0025
Lower Lim.	0.00022	0.00031	0.00022	0.00057	0.00027	0.00042	0.00032

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-19	SGWC-20	SGWC-21
5/12/2016		0.000108 (J)	<0.0007
5/13/2016	<0.0007		
6/29/2016	<0.0007	0.0001 (J)	<0.0007
8/22/2016	<0.0007	<0.0007	<0.0007
10/18/2016	<0.0007	<0.0007	<0.0007
12/7/2016			<0.0007
12/8/2016	<0.0007	<0.0007	
2/16/2017	0.00036 (J)	<0.0007	0.00039 (J)
4/13/2017	<0.0007	<0.0007	<0.0007
6/28/2017	<0.0007	<0.0007	<0.0007
3/28/2018	<0.0007	<0.0007	<0.0007
10/8/2018			<0.0007
10/9/2018	<0.0007		
10/18/2018		<0.0007	
2/20/2019	<0.0007	<0.0007	<0.0007
4/2/2019	<0.0007	<0.0007	<0.0007
9/17/2019	<0.0007	<0.0007	<0.0007
2/18/2020		<0.0007	<0.0007
2/19/2020	<0.0007		
3/23/2020	<0.0007	<0.0007	<0.0007
9/15/2020	<0.0007	<0.0007	<0.0007
2/10/2021	<0.0007	<0.0007	<0.0007
3/30/2021	<0.0007	<0.0007	<0.0007
8/18/2021			<0.0007
8/19/2021	<0.0007	<0.0007	
2/11/2022	<0.0007	<0.0007	<0.0007
8/22/2022	<0.0007	<0.0007	<0.0007
2/22/2023	<0.0007	<0.0007	
2/23/2023			<0.0007
8/7/2023	0.0001 (J)	0.00013 (J)	
8/8/2023			<0.0007
2/20/2024	<0.0007		
2/26/2024		0.00015 (J)	
2/27/2024			<0.0007
8/1/2024	<0.0007		
8/2/2024		<0.0007	<0.0007
2/20/2025		9E-05 (J)	<0.0007
2/21/2025	<0.0007		
7/24/2025	<0.0007	<0.0007	
7/28/2025			<0.0007
Mean	0.0006652	0.0005918	0.0006885
Std. Dev.	0.0001305	0.0002315	5.966E-05
Upper Lim.	0.0007	0.0007	0.0007
Lower Lim.	0.00036	0.00015	0.00039

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-12	SGWC-13	SGWC-14
5/11/2016	<0.005	<0.005	<0.005	<0.005	<0.005		
5/12/2016						<0.005	<0.005
6/27/2016	<0.005	<0.005					
6/28/2016				<0.005	<0.005	<0.005	0.0008 (J)
6/29/2016			<0.005				
8/17/2016	<0.005	<0.005		<0.005			
8/18/2016					<0.005	<0.005	<0.005
8/22/2016			<0.005				
10/17/2016		<0.005		<0.005	0.0023 (J)	<0.005	0.0012 (J)
10/18/2016	<0.005		<0.005				
12/6/2016	<0.005	<0.005		<0.005	<0.005	<0.005	
12/7/2016			<0.005				0.0012 (J)
2/14/2017	<0.005	<0.005					
2/15/2017				<0.005	<0.005	<0.005	<0.005
2/16/2017			<0.005				
4/12/2017	<0.005	0.0011 (J)		<0.005	<0.005	<0.005	<0.005
4/13/2017			<0.005				
6/27/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/27/2018	<0.005	0.0012 (J)		<0.005	<0.005	<0.005	<0.005
3/28/2018			<0.005				
6/6/2018	<0.005	0.0013 (J)	<0.005	<0.005	<0.005		
6/7/2018						<0.005	<0.005
10/8/2018					<0.005	<0.005	<0.005
10/9/2018	<0.005	0.0016 (J)	<0.005	<0.005			
2/20/2019	<0.005	0.0021 (J)	<0.005	<0.005	<0.005	<0.005	0.0016 (J)
4/1/2019	<0.005	0.0013 (J)	<0.005	<0.005	<0.005	<0.005	<0.005
9/16/2019			<0.005		<0.005		
9/17/2019	<0.005	0.0031		<0.005		0.0017 (J)	0.0026
2/18/2020	<0.005	0.0015 (J)					
2/19/2020			<0.005	<0.005	<0.005	<0.005	<0.005
3/25/2020		<0.005	<0.005	<0.005			
3/26/2020	<0.005				<0.005		
3/27/2020						<0.005	0.0019 (J)
9/14/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
9/15/2020							<0.005
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2021			<0.005	<0.005			
4/1/2021	<0.005	<0.005					
4/6/2021							<0.005
4/7/2021					<0.005	<0.005	
8/18/2021	0.0026	<0.005					
8/19/2021			<0.005	<0.005		<0.005	<0.005
8/20/2021					<0.005		
2/9/2022	<0.005						
2/10/2022		<0.005	<0.005		<0.005		
2/11/2022				<0.005		<0.005	
2/14/2022							<0.005
8/18/2022	<0.005	0.055	<0.005		<0.005	<0.005	
8/19/2022				<0.005			0.0066
2/22/2023	<0.005	0.0023	<0.005	<0.005			
2/23/2023					<0.005	<0.005	<0.005
8/2/2023						<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-12	SGWC-13	SGWC-14
8/7/2023			0.0039	0.0012 (J)	<0.005		
8/8/2023	<0.005	0.0028					0.0012 (J)
2/21/2024	0.002	0.0054	0.0017 (J)				
2/23/2024				<0.005	<0.005	<0.005	
2/27/2024							0.0014 (J)
7/31/2024	<0.005						
8/1/2024		0.0032	<0.005		<0.005	<0.005	<0.005
8/5/2024				<0.005			
2/19/2025	0.0014 (J)	0.003	<0.005	<0.005	<0.005	<0.005	0.0013 (J)
7/30/2025	<0.005	<0.005	<0.005	<0.005		<0.005	
7/31/2025					<0.005		<0.005
Mean	0.004679	0.005532	0.004843	0.004864	0.004904	0.004882	0.003921
Std. Dev.	0.0009589	0.009821	0.00065	0.0007181	0.0005103	0.0006236	0.001769
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.0026	0.0023	0.0039	0.0012	0.0023	0.0017	0.0019

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21
5/12/2016	0.0335	0.00943 (J)	0.0077 (J)			<0.005	<0.005
5/13/2016				0.00771 (J)	0.0151		
6/28/2016	0.0339	0.0093 (J)					
6/29/2016			0.0036 (J)		0.0141	0.0009 (J)	0.0012 (J)
6/30/2016				0.007 (J)			
8/18/2016	0.034	0.0085	0.0027				
8/22/2016				0.007	0.015	<0.005	<0.005
10/18/2016	0.033	0.0088			0.013	<0.005	<0.005
10/19/2016			0.0048	0.0064			
12/7/2016	0.032	0.0079	0.0027	0.0063			<0.005
12/8/2016					0.013	<0.005	
2/15/2017	0.03		0.0044				
2/16/2017		0.0097		0.007	0.015	<0.005	<0.005
4/12/2017	0.035						
4/13/2017		0.0098	0.0047	0.0061	0.016	<0.005	<0.005
6/27/2017	0.035	0.0096	0.0029				
6/28/2017				0.0059	0.016	<0.005	<0.005
3/27/2018	0.031	0.0098	0.0045				
3/28/2018				0.0082	0.014	<0.005	<0.005
6/7/2018	0.032	0.01	0.0083			<0.005	<0.005
6/8/2018				0.0086	0.015		
10/8/2018		0.013	0.0055				<0.005
10/9/2018					0.017		
10/16/2018	0.032						
10/18/2018				0.009		<0.005	
1/2/2019				0.0078			
2/20/2019	0.038	0.013	0.0061	0.011	0.017	<0.005	0.0015 (J)
4/1/2019	0.032						
4/2/2019		0.01	0.004	0.0092	0.014	<0.005	<0.005
9/17/2019	0.037	0.013	0.0078	0.011	0.017	0.0022 (J)	0.0016 (J)
2/18/2020						<0.005	<0.005
2/19/2020	0.038	0.014	0.0045		0.017		
2/20/2020				0.011			
3/23/2020					0.015	<0.005	<0.005
3/24/2020			0.0079				
3/26/2020				0.0096			
3/27/2020	0.034	0.011					
9/15/2020	0.034	0.012	0.0091	0.01	0.015	<0.005	0.002
2/9/2021	0.035	0.012					
2/10/2021			0.008	0.01	0.015	<0.005	<0.005
3/30/2021				0.0098	0.014	<0.005	<0.005
3/31/2021	0.034						
4/1/2021		0.012	0.0046				
8/18/2021			0.012	0.019			0.0022
8/19/2021	0.032	0.011			0.014	<0.005	
2/10/2022		0.012		0.01			
2/11/2022	0.032		0.0079		0.015	<0.005	<0.005
8/19/2022	0.032						
8/22/2022					0.013	<0.005	0.0016 (J)
8/23/2022				0.0095			
8/31/2022		0.012	0.0088				
2/22/2023			0.0084	0.0096	0.013	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21
2/23/2023	0.029	0.012					<0.005
8/7/2023	0.035		0.0093	0.01	0.015	0.0016 (J)	
8/8/2023		0.014					<0.005
2/20/2024					0.018		
2/26/2024	0.035	0.013	0.0078			0.0014 (J)	
2/27/2024				0.01			<0.005
8/1/2024	0.037	0.014			0.016		
8/2/2024						0.0012 (J)	<0.005
8/5/2024			0.0028	0.01			
2/19/2025		0.015	0.0039				
2/20/2025	0.033					0.0024	<0.005
2/21/2025				0.0098	0.015		
7/23/2025		0.015	0.0066				
7/24/2025					0.016	<0.005	
7/25/2025				0.011			
7/28/2025							<0.005
7/30/2025	0.03						
Mean	0.03351	0.01146	0.006118	0.009224	0.01508	0.004275	0.004289
Std. Dev.	0.002315	0.002016	0.002466	0.00247	0.001356	0.001436	0.001395
Upper Lim.	0.0346	0.0124	0.00727	0.01	0.01571	0.005	0.005
Lower Lim.	0.03243	0.01052	0.004966	0.008019	0.01444	0.0024	0.0022

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S	PZ-41S
5/12/2016	<0.005	<0.005					
6/29/2016	0.0007 (J)	0.0013 (J)					
8/19/2016	<0.005	<0.005					
10/18/2016	<0.005	<0.005					
12/7/2016	<0.005	<0.005					
2/15/2017		<0.005					
2/16/2017	<0.005						
4/13/2017	<0.005	0.0014 (J)					
6/28/2017	<0.005	0.0025					
3/27/2018		0.0012 (J)					
3/28/2018	<0.005						
6/7/2018	<0.005	<0.005					
10/8/2018	0.0012 (J)	0.0017 (J)					
10/17/2018						0.0027	
10/18/2018					0.0049		<0.0025
1/10/2019				0.0029			
2/19/2019	<0.005	<0.005					
4/2/2019	0.0012 (J)	0.0011 (J)					
9/18/2019	0.0024 (J)	0.0024 (J)					
2/13/2020				0.0022			
2/18/2020	0.0015 (J)	<0.005					
2/19/2020							0.0058
3/24/2020	<0.005	<0.005					
9/15/2020	0.0025	0.0017 (J)					
2/10/2021	0.0015 (J)	0.0017 (J)					
3/31/2021	<0.005	0.0016 (J)					
8/18/2021	<0.005	0.0019 (J)					
2/8/2022			0.003	0.0018 (J)			
2/9/2022					0.0036	0.028	0.0058
2/10/2022	<0.005	0.0015 (J)					
8/22/2022	0.0022	0.0017 (J)					
8/23/2022				0.0024		0.014	
8/24/2022			0.0034		0.0037		0.0051
2/23/2023	<0.005	0.0016 (J)	0.0034	0.0022	0.0042		0.0059
2/24/2023						0.03	
8/1/2023				0.0021	0.0027		
8/2/2023			0.0027			0.026	0.0056
8/7/2023	0.0015 (J)						
8/8/2023		0.0025					
2/21/2024	0.003	0.0031	0.0047				
2/26/2024					0.0033		
2/27/2024						0.021	0.0058
2/28/2024				0.0023			
8/1/2024					0.0029		
8/2/2024	<0.005	0.0019 (J)					
8/5/2024			0.0025	0.0013 (J)			
8/6/2024						0.021	0.005
2/19/2025			0.0036	0.0024			
2/20/2025	0.0013 (J)						
2/21/2025		0.0022			0.0032		0.0059
2/24/2025						0.023	
7/28/2025	<0.005	<0.005					

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I	PZ-39S	PZ-41S
7/29/2025				<0.005	<0.005	0.028	0.0056
7/30/2025			<0.005				
Mean	0.003714	0.002964	0.003225	0.00221	0.003444	0.02152	0.005175
Std. Dev.	0.001682	0.0016	0.0007324	0.000428	0.0007585	0.008584	0.001415
Upper Lim.	0.005	0.005	0.004001	0.002592	0.004177	0.02849	0.005891
Lower Lim.	0.0022	0.0016	0.002449	0.001828	0.002712	0.01567	0.005066

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-42I	PZ-43S	PZ-44I
10/16/2018			0.0046
10/18/2018	<0.005	<0.002	
2/9/2022	<0.005	<0.002	<0.005
8/22/2022	0.003		
8/24/2022		<0.002	<0.005
2/23/2023	<0.005		
2/24/2023		0.002	
2/28/2023			<0.005
8/2/2023	<0.005	0.0012 (J)	<0.005
2/23/2024			0.0013 (J)
2/27/2024	<0.005	0.002	
8/1/2024			<0.005
8/2/2024		<0.002	
8/5/2024	<0.005		
2/20/2025	0.0012 (J)		
2/24/2025		0.002	<0.005
7/29/2025	<0.005	0.0053	<0.005
Mean	0.004356	0.002278	0.004544
Std. Dev.	0.001356	0.001164	0.001224
Upper Lim.	0.005	0.0053	0.005
Lower Lim.	0.0012	0.0012	0.0013

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	<0.005	0.0116	0.00265 (J)	0.0156	0.0191	0.0378	0.00648 (J)
6/27/2016	0.002 (J)	0.0143	0.0012 (J)				
6/28/2016					0.0192	0.0332	0.0051 (J)
6/29/2016				0.0147			
8/17/2016	0.0018 (J)	0.012	0.00049 (J)		0.022	0.03	
8/18/2016							0.0035
8/22/2016				0.017			
10/17/2016	0.0016 (J)		<0.005		0.05	0.032	0.003
10/18/2016		0.0099		0.017			
12/6/2016	0.0012 (J)	0.011	<0.005		0.04	0.029	0.0036
12/7/2016				0.014			
2/14/2017	0.0022 (J)	0.0093	<0.005				
2/15/2017					0.038	0.029	0.004
2/16/2017				0.014			
4/12/2017	0.0023 (J)	0.0062	<0.005		0.018	0.028	0.0039
4/13/2017				0.014			
6/27/2017	0.0045	0.021	<0.005	0.013	0.014	0.029	0.0042
3/27/2018	0.004	0.0054	<0.005		0.026	0.024	0.0035
3/28/2018				0.0087			
6/6/2018	0.0021 (J)	0.0034	<0.005	0.0064	0.018	0.026	0.0038
10/8/2018	<0.005						0.0037
10/9/2018		0.013	<0.005	0.0049	0.03		
10/16/2018						0.023	
2/20/2019	0.00011 (J)	0.0057	0.00014 (J)	0.01	0.034	0.024	0.0032
4/1/2019		0.0046	<0.005	0.01	0.025	0.021	0.0029
4/2/2019	<0.005						
9/16/2019	0.00013 (J)			0.001 (J)		0.022	0.003
9/17/2019		0.0039	0.00013 (J)		0.022		
2/18/2020	<0.005	0.0067	<0.005			0.018	
2/19/2020				0.0082	0.027		0.0027
3/25/2020	0.00027 (J)		0.00032 (J)	0.0064	0.029	0.024	
3/26/2020		0.0033					0.0024 (J)
9/14/2020	<0.005	0.0063	<0.005	0.00048 (J)	0.022	0.019	0.001 (J)
2/9/2021	<0.005	0.0069	<0.005	0.0032	0.03	0.019	0.0014 (J)
3/31/2021				0.0046	0.026		
4/1/2021	<0.005	0.0029	<0.005				
4/7/2021						0.019	0.0017 (J)
8/18/2021	0.00024 (J)	0.0021 (J)	0.00021 (J)				
8/19/2021				0.00072 (J)	0.022	0.014	
8/20/2021							0.0019 (J)
2/9/2022	<0.005	0.0024 (J)					
2/10/2022			<0.005	0.0022 (J)		0.021	0.00079 (J)
2/11/2022					0.023		
8/18/2022		0.0012 (J)	0.00075 (J)	0.00084 (J)		0.012	0.001 (J)
8/19/2022	<0.005				0.022		
2/22/2023	0.0003 (J)	0.0014 (J)	<0.005	0.00062 (J)	0.025	0.023	
2/23/2023							0.0014 (J)
8/1/2023	<0.005						
8/2/2023						0.022	
8/7/2023				0.00053 (J)	0.025		0.0013 (J)
8/8/2023		0.00049 (J)	<0.005				
2/20/2024	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
2/21/2024		0.00032 (J)	<0.005	0.00066 (J)			
2/23/2024					0.03	0.022	0.0018 (J)
7/31/2024		0.00034 (J)					
8/1/2024	<0.005		<0.005	0.00068 (J)		0.018	0.0023 (J)
8/5/2024					0.023		
2/19/2025		0.00023 (J)	<0.005	0.00058 (J)	0.026		0.0018 (J)
2/20/2025	<0.005					0.02	
7/29/2025	<0.005						
7/30/2025		<0.005	<0.005	<0.005	0.015		
7/31/2025						0.017	0.0017 (J)
Mean	0.003312	0.006014	0.003782	0.006875	0.02573	0.02343	0.002753
Std. Dev.	0.001972	0.005113	0.002009	0.005983	0.007755	0.005928	0.001353
Upper Lim.	0.005	0.008403	0.005	0.013	0.02935	0.0262	0.003385
Lower Lim.	0.0018	0.003624	0.00265	0.00084	0.0221	0.02066	0.00212

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
5/12/2016	0.0145	0.00605 (J)	0.267	0.00303 (J)	<0.0025		
5/13/2016						0.116	<0.005
6/28/2016	0.011	0.0115	0.255	0.0029 (J)			
6/29/2016					0.0007 (J)		0.0006 (J)
6/30/2016						0.112	
8/18/2016	0.0099	0.011	0.26	0.0029	0.00078 (J)		
8/22/2016						0.13	0.00066 (J)
10/17/2016	0.01	0.017					
10/18/2016			0.28	0.0034			0.00095 (J)
10/19/2016					0.00094 (J)	0.14	
12/6/2016	0.0079						
12/7/2016		0.0043	0.26	0.003	0.00056 (J)	0.11	
12/8/2016							0.00078 (J)
2/15/2017	0.0073	0.0059	0.24		0.00069 (J)		
2/16/2017				0.0033		0.11	0.00049 (J)
4/12/2017	0.0078	0.017	0.28				
4/13/2017				0.0034	0.00049 (J)	0.094	<0.005
6/27/2017	0.0068	0.013	0.29	0.0037	0.00041 (J)		
6/28/2017						0.085	<0.005
3/27/2018	0.0035	0.0083	0.27	0.0037	<0.0025		
3/28/2018						0.16	<0.005
6/7/2018	0.0039	0.0025	0.3	0.0037	<0.0025		
6/8/2018						0.19	<0.005
10/8/2018	0.0036	0.0071		0.0044	0.00046 (J)		
10/9/2018							<0.005
10/16/2018			0.27				
10/18/2018						0.21	
1/2/2019						0.11	
2/20/2019	0.004	0.011	0.26	0.0038	0.00035 (J)	0.19	0.00012 (J)
4/1/2019	0.003	0.014	0.26				
4/2/2019				0.0041	<0.0025	0.18	<0.005
9/17/2019	0.0024 (J)	0.0096	0.27	0.0042	0.00048 (J)	0.16	0.00013 (J)
2/19/2020	0.0018 (J)	0.0099	0.28	0.0047	0.00034 (J)		0.00015 (J)
2/20/2020						0.14	
3/23/2020							<0.005
3/24/2020					0.00044 (J)		
3/26/2020						0.15	
3/27/2020	0.002 (J)	0.0093	0.28	0.0047			
9/14/2020	0.0022 (J)						
9/15/2020		0.0076	0.25	0.0043	0.00041 (J)	0.12	0.00016 (J)
2/9/2021	0.0024 (J)	0.0052	0.26	0.0045			
2/10/2021					0.00049 (J)	0.11	0.00013 (J)
3/30/2021						0.11	<0.005
3/31/2021			0.26				
4/1/2021				0.0049	0.00041 (J)		
4/6/2021		0.0072					
4/7/2021	0.0018 (J)						
8/18/2021					0.00043 (J)	0.095	
8/19/2021	0.0021 (J)	0.0047	0.27	0.0051			<0.005
2/10/2022				0.0049		0.09	
2/11/2022	0.0015 (J)		0.23		0.00036 (J)		0.00045 (J)
2/14/2022		0.0065					

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
8/18/2022	0.0019 (J)						
8/19/2022		0.01	0.25				
8/22/2022							<0.005
8/23/2022						0.088	
8/31/2022				0.0054	0.00045 (J)		
2/22/2023					0.00043 (J)	0.072	<0.005
2/23/2023	0.0016 (J)	0.0047	0.23	0.0056			
8/2/2023	0.0016 (J)						
8/7/2023			0.26		0.00052 (J)	0.064	<0.005
8/8/2023		0.0092		0.0069			
2/20/2024							<0.005
2/23/2024	0.0015 (J)						
2/26/2024			0.27	0.0073	0.0006 (J)		
2/27/2024		0.0038				0.069	
8/1/2024	0.0022 (J)	0.014	0.3	0.0086			<0.005
8/5/2024					0.00045 (J)	0.069	
2/19/2025	0.0018 (J)	0.014		0.0082	0.00048 (J)		
2/20/2025			0.23				
2/21/2025						0.058	<0.005
7/23/2025				0.0093	0.00059 (J)		
7/24/2025							<0.005
7/25/2025						0.087	
7/30/2025	0.002 (J)		0.23				
7/31/2025		0.039					
Mean	0.004357	0.01012	0.2629	0.004783	0.0006164	0.1179	0.003201
Std. Dev.	0.003561	0.006878	0.01947	0.001761	0.0002952	0.04096	0.002285
Upper Lim.	0.0068	0.0121	0.272	0.005382	0.00069	0.1367	0.005
Lower Lim.	0.0019	0.006903	0.2538	0.003904	0.00043	0.09913	0.0006

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-39S
5/12/2016	0.261	<0.005	0.00619 (J)	<0.005			
6/29/2016	0.23	<0.005	0.0051 (J)	<0.005			
8/19/2016			0.0045	<0.005			
8/22/2016	0.25	<0.005					
10/18/2016	0.26	<0.005	0.0043	<0.005			
12/7/2016		<0.005	0.0034	<0.005			
12/8/2016	0.26						
2/15/2017				<0.005			
2/16/2017	0.23	<0.005	0.0031				
4/13/2017	0.19	<0.005	0.0031	<0.005			
6/28/2017	0.19	<0.005	0.0029	<0.005			
3/27/2018				<0.005			
3/28/2018	0.18	<0.005	0.0022 (J)				
6/7/2018	0.21	<0.005	0.0022 (J)	<0.005			
10/8/2018		<0.005	0.0021 (J)	<0.005			
10/17/2018							0.00051 (J)
10/18/2018	0.16						
1/10/2019						<0.005	
2/19/2019			0.0018 (J)	<0.005			
2/20/2019	0.18	0.00011 (J)					
4/2/2019	0.13	<0.005	0.0018 (J)	<0.005			
9/17/2019	0.13	8.7E-05 (J)					
9/18/2019			0.002 (J)	0.00013 (J)			
2/13/2020						0.00016 (J)	
2/18/2020	0.12	0.00014 (J)	0.0018 (J)	<0.005			
3/23/2020	0.22	0.00016 (J)					
3/24/2020			0.0016 (J)	<0.005			
9/15/2020	0.098	0.00022 (J)	0.0014 (J)	<0.005			
9/18/2020					0.0057		
2/10/2021	0.17	0.00017 (J)	0.0015 (J)	<0.005			
3/30/2021	0.15	0.00016 (J)					
3/31/2021			0.0011 (J)	<0.005			
4/2/2021					0.007	0.00019 (J)	0.0003 (J)
8/18/2021		0.00016 (J)	0.001 (J)	<0.005		0.0003 (J)	
8/19/2021	0.2						0.00028 (J)
8/20/2021					0.006		
2/8/2022					0.0052	0.00028 (J)	
2/9/2022							<0.005
2/10/2022			0.0016 (J)	<0.005			
2/11/2022	0.14	<0.005					
8/22/2022	0.11	<0.005	0.001 (J)	<0.005			
8/23/2022						0.00046 (J)	<0.005
8/24/2022					0.0059		
2/22/2023	0.082						
2/23/2023		<0.005	0.00069 (J)	<0.005	0.0057	<0.005	
2/24/2023							<0.005
8/1/2023						0.00039 (J)	
8/2/2023					0.0057		0.00033 (J)
8/7/2023	0.093		0.00087 (J)				
8/8/2023		<0.005		<0.005			
2/21/2024			0.00072 (J)	<0.005	0.0053		
2/26/2024	0.14						

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-39S
2/27/2024		<0.005					0.00023 (J)
2/28/2024						0.00033 (J)	
8/2/2024	0.12	<0.005	0.00077 (J)	<0.005			
8/5/2024					0.0051	0.00024 (J)	
8/6/2024							<0.005
2/19/2025					0.0036	0.00023 (J)	
2/20/2025	0.15	<0.005	0.00073 (J)				
2/21/2025				<0.005			
2/24/2025							<0.005
7/24/2025	0.1						
7/28/2025		<0.005	0.00048 (J)	<0.005			
7/29/2025						<0.005	<0.005
7/30/2025					0.0029 (J)		
Mean	0.1698	0.003615	0.002141	0.004826	0.005282	0.001465	0.002877
Std. Dev.	0.05522	0.002231	0.001458	0.0009203	0.001137	0.002133	0.00244
Upper Lim.	0.1956	0.005	0.002586	0.005	0.006229	0.005	0.005
Lower Lim.	0.144	0.00022	0.001368	0.00013	0.004335	0.00019	0.00028

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018					0.0021 (J)	
10/18/2018	0.0076	0.0092	0.0064	0.0086		
2/19/2020		0.0016 (J)				
4/5/2021		0.0012 (J)				
4/7/2021				0.00097 (J)		
8/18/2021				0.00025 (J)		
8/19/2021		0.0013 (J)				
2/9/2022		0.00093 (J)	0.00061 (J)	<0.005	0.0024 (J)	
2/10/2022	0.0025					0.002 (J)
8/22/2022			0.0012 (J)			
8/23/2022	0.0029					
8/24/2022		0.001 (J)		<0.005	0.0016 (J)	0.0013 (J)
2/23/2023		0.0004 (J)	<0.005			
2/24/2023	0.0014 (J)			<0.005		0.0021 (J)
2/28/2023					0.0019 (J)	
8/1/2023	0.0014 (J)					
8/2/2023		0.00036 (J)	0.00041 (J)	<0.005	0.0022 (J)	0.0032
2/23/2024					0.0017 (J)	0.003
2/27/2024	0.0011 (J)	0.00032 (J)	0.00032 (J)	<0.005		
8/1/2024					0.0027	
8/2/2024				<0.005		0.0029
8/5/2024	0.00094 (J)		0.00025 (J)			
8/6/2024		<0.005				
2/20/2025	0.00094 (J)		0.00035 (J)			
2/21/2025		0.00022 (J)				
2/24/2025				<0.005	0.0014 (J)	0.0022 (J)
7/29/2025	0.00098 (J)	<0.005	<0.005	<0.005	0.0016 (J)	0.0017 (J)
Mean	0.002196	0.002211	0.002171	0.004529	0.001956	0.0023
Std. Dev.	0.002147	0.002763	0.00252	0.002221	0.0004275	0.0006719
Upper Lim.	0.0076	0.00216	0.0064	0.005	0.002368	0.003012
Lower Lim.	0.00094	0.0003333	0.00025	0.00097	0.001543	0.001588

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	0.0394 (U)	0.214 (U)	2.05	0.134 (U)	0.26 (U)	0.182 (U)	0.433
6/27/2016	0.624	0.581	2.9				
6/28/2016					1.57	0.858	0.435
6/29/2016				0.665			
8/17/2016	0.572	0.665	2.57		0.548 (U)	0.367 (U)	
8/18/2016							0.214 (U)
8/22/2016				0.391 (U)			
10/17/2016	0.307 (U)		2.08		-0.0725 (U)	0.551	0.316 (U)
10/18/2016		0.453		0.521			
12/6/2016	0.122 (U)	0.368 (U)	2.25		0.496	0.438	0.0575 (U)
12/7/2016				0.367 (U)			
2/14/2017	0.166 (U)	0.328 (U)	1.77				
2/15/2017					0.321 (U)	-0.0831 (U)	-0.0321 (U)
2/16/2017				0.076 (U)			
4/12/2017	0.355 (U)	0.206 (U)	2.72		-0.0397 (U)	0.343 (U)	0.00949 (U)
4/13/2017				0.239 (U)			
6/27/2017	0.0783 (U)	0.598	2.07	0.268 (U)	0.47	0.369	0.183 (U)
3/27/2018	0.0443 (U)	0.546	2.3		0.136 (U)	0.172 (U)	0.445
3/28/2018				0.378			
6/6/2018	0.127 (U)	0.165 (U)	1.59	-0.0272 (U)	0.123 (U)	0.153 (U)	0.0775 (U)
10/8/2018	0.77						0.865
10/9/2018		0.385	3.01	0.565	0.387		
10/16/2018						1.06	
2/20/2019	0.25 (U)	0.433	2.5	0.425	0.0159 (U)	0.708	0.161 (U)
4/1/2019		0.675	1.91	-0.0113 (U)	0.452	0.173 (U)	0.372
4/2/2019	0.3 (U)						
9/16/2019	0.0805 (U)			-0.116 (U)		0.251 (U)	0.569 (U)
9/17/2019		0.341 (U)	2.04		0.226 (U)		
2/18/2020	-0.0675 (U)	0.326 (U)	2.06			0.203 (U)	
2/19/2020				0.0604 (U)	0.0222 (U)		0.166 (U)
3/25/2020	0.411 (U)		2.99	0.206 (U)	0.253 (U)	0.204 (U)	
3/26/2020		0.151 (U)					0.604
9/14/2020	0.334 (U)	0.123 (U)	2.16	0.502 (U)	0.125 (U)	-0.0264 (U)	0.575
2/9/2021	0.273 (U)	0.721	2.92	0.0162 (U)	-0.0573 (U)	0.114 (U)	0.146 (U)
3/31/2021				0.153 (U)	0.188 (U)		
4/1/2021	0.544	0.329 (U)	2.26				
4/7/2021						0.0576 (U)	0.0695 (U)
8/18/2021	-0.0332 (U)	0.726	1.68				
8/19/2021				0.145 (U)	0.102 (U)	0.755	
8/20/2021							0.0109 (U)
2/9/2022	0.145 (U)	0.659					
2/10/2022			2.08	0.179 (U)		0.11 (U)	0.279 (U)
2/11/2022					0.436		
8/18/2022		0.309 (U)	2.58	0.275 (U)		0.393 (U)	0.384 (U)
8/19/2022	0.243 (U)				0.606		
2/22/2023	0.0662 (U)	-0.191 (U)	0.866	0.473 (U)	0.285 (U)	-0.172 (U)	
2/23/2023							0.784
8/1/2023	0.11 (U)						
8/2/2023						1.23	
8/7/2023				0.619	0.0602 (U)		0.366 (U)
8/8/2023		0.12 (U)	1.75				
2/20/2024	0.538						

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
2/21/2024		0.22 (U)	1.29	-0.0257 (U)			
2/23/2024					0.587	0.189 (U)	0.612
7/31/2024		0.501					
8/1/2024	0.506 (U)		1.4	0.379 (U)		0.43 (U)	0.476 (U)
8/5/2024					0.411 (U)		
2/19/2025		0.477 (U)	1.11	0.132 (U)	0.792		-0.324 (U)
2/20/2025	0.271 (U)					0.388 (U)	
7/29/2025	0.603						
7/30/2025		1.39	2.55	1.4	0.77		
7/31/2025						0.316 (U)	0.534 (U)
Mean	0.2778	0.4221	2.123	0.2996	0.3383	0.3476	0.3138
Std. Dev.	0.2221	0.2891	0.5634	0.3029	0.3415	0.3276	0.2692
Upper Lim.	0.3816	0.5572	2.387	0.425	0.47	0.5007	0.4397
Lower Lim.	0.1741	0.287	1.86	0.132	0.123	0.1945	0.188

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
5/12/2016	0.0531 (U)	0.106 (U)	0.344 (U)	0.0196 (U)	0.134 (U)		
5/13/2016						0.103 (U)	-0.115 (U)
6/28/2016	0.483	0.735	0.256	0.418			
6/29/2016					0.391		0.396
6/30/2016						0.593	
8/18/2016	0.286 (U)	0.212 (U)	0.503 (U)	0.199 (U)	0.498 (U)		
8/22/2016						0.17 (U)	-0.102 (U)
10/17/2016	0.472	-0.187 (U)					
10/18/2016			0.171 (U)	0.0404 (U)			0.352 (U)
10/19/2016					0.4795 (D)	0.433	
12/6/2016	0.903						
12/7/2016		0.701	0.375 (U)	0.426	0.239 (U)	0.435 (U)	
12/8/2016							0.431 (U)
2/15/2017	-0.223 (U)	0.155 (U)	0.0801 (U)		0.175 (U)		
2/16/2017				0.163 (U)		0.101 (U)	0.146 (U)
4/12/2017	0.21 (U)	0.233 (U)	0.197 (U)				
4/13/2017				0.0522 (U)	-0.00846 (U)	-0.0014 (U)	0.127 (U)
6/27/2017	0.0574 (U)	0.302	0.0274 (U)	0.222 (U)	0.186 (U)		
6/28/2017						0.512	0.11 (U)
3/27/2018	0.145 (U)	0.306 (U)	0.285 (U)	0.387 (U)	0.249 (U)		
3/28/2018						0.428	0.247 (U)
6/7/2018	0.235 (U)	0.211 (U)	0.64	0.283 (U)	0.172 (U)		
6/8/2018						0.32 (U)	0.0462 (U)
10/8/2018	0.64	0.636		0.799	0.682		
10/9/2018							0.584
10/16/2018			0.731				
10/18/2018						0.304 (U)	
1/2/2019						0.217 (U)	
2/20/2019	0.222 (U)	0.147 (U)	0.573	0.0684 (U)	0.278 (U)	0.139 (U)	0.114 (U)
4/1/2019	0.36	-0.138 (U)	0.0499 (U)				
4/2/2019				0.167 (U)	-0.0476 (U)	0.336 (U)	0.11 (U)
9/17/2019	0.143 (U)	0.264 (U)	0.441 (U)	0.558	0.235 (U)	0.449	0.302 (U)
2/19/2020	0.218 (U)	0.0061 (U)	0.415 (U)	0.0321 (U)	0.217 (U)		0.308 (U)
2/20/2020						0.22 (U)	
3/23/2020							0.171 (U)
3/24/2020					0.426		
3/26/2020						0.366 (U)	
3/27/2020	0.235 (U)	0.206 (U)	0.39 (U)	0.305 (U)			
9/14/2020	0.613						
9/15/2020		0.131 (U)	0.546	-0.0426 (U)	0.661	1.74	1.55
2/9/2021	0.307 (U)	-0.121 (U)	0.222 (U)	-0.00967 (U)			
2/10/2021					0.55	0.423 (U)	0.235 (U)
3/30/2021						0.439 (U)	0.511
3/31/2021			0.311 (U)				
4/1/2021				0.0901 (U)	0.0517 (U)		
4/6/2021		-0.0391 (U)					
4/7/2021	0.356 (U)						
8/18/2021					0.13 (U)	0.277 (U)	
8/19/2021	0.228 (U)	-0.0806 (U)	0.518	0.037 (U)			-0.0514 (U)
2/10/2022				0.595		0.244 (U)	
2/11/2022	0.631		0.5		0.233 (U)		0.456 (U)
2/14/2022		0.377 (U)					

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
8/18/2022	0.377 (U)						
8/19/2022		0.378 (U)	0.459				
8/22/2022							0.356 (U)
8/23/2022						0.345 (U)	
8/31/2022				0.31 (U)	0.434 (U)		
2/22/2023					0.0917 (U)	0.0285 (U)	0.297 (U)
2/23/2023	0.506 (U)	0.0406 (U)	0.0665 (U)	0.183 (U)			
8/2/2023	0.631						
8/7/2023			0.819		0.262 (U)	-0.16 (U)	0.132 (U)
8/8/2023		0.177 (U)		0.0269 (U)			
2/20/2024							0.544
2/23/2024	0.242 (U)						
2/26/2024			0.353 (U)	0.633	0.559 (U)		
2/27/2024		0.788				0.591	
8/1/2024	0.133 (U)	0.159 (U)	0.643	0.219 (U)			0.419 (U)
8/5/2024					0.199 (U)	-0.0506 (U)	
2/19/2025	0.0616 (U)	0.0778 (U)		0.0992 (U)	0.173 (U)		
2/20/2025			0.586 (U)				
2/21/2025						-0.00614 (U)	-0.32 (U)
7/23/2025				-0.0827 (U)	1.21		
7/24/2025							0.35 (U)
7/25/2025						0.318 (U)	
7/30/2025	1.03		0.588 (U)				
7/31/2025		0.365 (U)					
Mean	0.3413	0.2196	0.3961	0.2214	0.3164	0.3212	0.2752
Std. Dev.	0.2697	0.2569	0.2118	0.2254	0.2591	0.334	0.329
Upper Lim.	0.4673	0.3396	0.495	0.3267	0.434	0.433	0.396
Lower Lim.	0.2152	0.09954	0.2971	0.116	0.173	0.139	0.114

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
5/12/2016	0.556	0.216 (U)	0.285 (U)	0.801			
6/29/2016	0.162	0.253	1.1	0.423			
8/19/2016			0.367 (U)	0.869			
8/22/2016	0.433 (U)	0.115 (U)					
10/18/2016	0.741	0.593	0.276 (U)	0.881			
12/7/2016		0.897	0.318 (U)	0.455			
12/8/2016	1.06						
2/15/2017				0.635			
2/16/2017	0.382 (U)	0.132 (U)	0.168 (U)				
4/13/2017	0.189 (U)	0.287 (U)	0.3 (U)	0.413			
6/28/2017	0.84	0.143 (U)	0.0844 (U)	0.331 (U)			
3/27/2018				0.61			
3/28/2018	0.334 (U)	0.38	0.0661 (U)				
6/7/2018	0.235 (U)	0.514	0.222 (U)	0.64			
10/8/2018		0.374	0.499	0.437			
10/18/2018	0.399						0.882
1/10/2019						0.328 (U)	
2/19/2019			0.532	0.301 (U)			
2/20/2019	0.353	0.239 (U)					
4/2/2019	0.271 (U)	0.218 (U)	0.313 (U)	0.516			
9/17/2019	0.591	-0.04 (U)					
9/18/2019			0.101 (U)	0.285 (U)			
2/18/2020	0.474	0.287 (U)	0.0109 (U)	0.399		0.163 (U)	
3/23/2020	0.258 (U)	0.384					
3/24/2020			0.188 (U)	0.183 (U)			
9/15/2020	0.831	1.6	1.82	1.03			
2/10/2021	0.331 (U)	0.5	0.167 (U)	0.46			
3/30/2021	0.572	0.955					
3/31/2021			0.0687 (U)	0.37 (U)			
8/18/2021		0.505	0.026 (U)	0.603			
8/19/2021	-0.21 (U)						
2/8/2022					-0.0564 (U)	0.0627 (U)	
2/9/2022							0.31 (U)
2/10/2022			0.346 (U)	0.204 (U)			
2/11/2022	0.259 (U)	0.689					
8/22/2022	0.475 (U)	0.565	0.632	0.0738 (U)			
8/23/2022						0.432 (U)	
8/24/2022					0.234 (U)		0.125 (U)
2/22/2023	0.154 (U)						
2/23/2023		0.526 (U)	0.322 (U)	0.314 (U)	-0.0151 (U)	0.413 (U)	0.255 (U)
8/1/2023						0.451 (U)	0.207 (U)
8/2/2023					0.262 (U)		
8/7/2023	0.0467 (U)		0.268 (U)				
8/8/2023		0.496 (U)		0.0999 (U)			
2/21/2024			0.289 (U)	0.412 (U)	0.00672 (U)		
2/26/2024	0.357 (U)						5.77
2/27/2024		2.32					
2/28/2024						0.103 (U)	
5/6/2024							-0.0141 (U)
8/1/2024							0.768
8/2/2024	-0.0292 (U)	0.516 (U)	0.843 (U)	0.358 (U)			
8/5/2024					-0.0162 (U)	0.127 (U)	

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
2/19/2025					0.124 (U)	0.371 (U)	
2/20/2025	0.218 (U)	0.603 (U)	0.0727 (U)				
2/21/2025				0.869			-0.293 (U)
7/24/2025	0.49 (U)						
7/28/2025		0.353 (U)	0.319 (U)	0.259 (U)			
7/29/2025						0.213 (U)	-0.0063 (U)
7/30/2025					0.516 (U)		
Mean	0.3847	0.5221	0.3573	0.4726	0.1319	0.2664	0.8004
Std. Dev.	0.2728	0.4746	0.3764	0.2466	0.1963	0.1487	1.781
Upper Lim.	0.5122	0.565	0.4381	0.5878	0.3399	0.399	1.436
Lower Lim.	0.2573	0.253	0.1703	0.3573	-0.07614	0.1337	-0.002303

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018						0.551 (U)	
10/17/2018	0.0623 (U)						
10/18/2018		1.59	0.698	0.188 (U)	1.64		
2/19/2020			0.216 (U)				
2/9/2022	0.332 (U)		0.229 (U)	0.274 (U)	0.412 (U)	0.237 (U)	
2/10/2022		0.366 (U)					0.418 (U)
8/22/2022				0.401 (U)			
8/23/2022	0.565	0.986					
8/24/2022			0.456		0.241 (U)	0.0981 (U)	0.458
2/23/2023			0.168 (U)	0.651			
2/24/2023	0.131 (U)	0.714			0.602		-0.097 (U)
2/28/2023						-0.0607 (U)	
8/1/2023		0.488 (U)					
8/2/2023	0.537 (U)		-0.192 (U)	0.426 (U)	0.256 (U)	-0.0242 (U)	0.374 (U)
2/23/2024						1.33	0.912
2/27/2024	0.503 (U)	1.88	0.0662 (U)	0.116 (U)	0.518 (U)		
8/1/2024						0.567	
8/2/2024					0.122 (U)		0.669
8/5/2024		0.228 (U)		0.324 (U)			
8/6/2024	-0.113 (U)		-0.145 (U)				
2/20/2025		0.363 (U)		1.35			
2/21/2025			0.457 (U)				
2/24/2025	0.112 (U)				0.0441 (U)	0.0662 (U)	0.347 (U)
7/29/2025	0.389 (U)	1	0.135 (U)	0.752	0.389 (U)	0.176 (U)	0.947
Mean	0.2798	0.8461	0.2088	0.498	0.4693	0.3267	0.5035
Std. Dev.	0.2408	0.5763	0.274	0.3793	0.4742	0.4386	0.3385
Upper Lim.	0.5123	1.403	0.4533	0.821	0.8392	0.8294	0.8623
Lower Lim.	0.04733	0.2897	-0.03566	0.1804	0.1075	-1.804E-05	0.1447

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	0.133 (J)	0.245 (J)	0.362	0.076 (J)	0.019 (J)	0.033 (J)	0.11 (J)
6/27/2016	0.21 (J)	0.23 (J)	0.45				
6/28/2016					<0.2	0.08 (J)	0.18 (J)
6/29/2016				0.13 (J)			
8/17/2016	0.14 (J)	0.22	0.54		<0.2	<0.2	
8/18/2016							0.12 (J)
8/22/2016				<0.2			
10/17/2016	0.11 (J)		0.51		<0.2	<0.2	0.082 (J)
10/18/2016		0.24		<0.2			
12/6/2016	0.14 (J)	0.26	0.58		<0.2	<0.2	0.11 (J)
12/7/2016				<0.2			
2/14/2017	0.2	0.17 (J)	0.39				
2/15/2017					<0.2	<0.2	0.13 (J)
2/16/2017				0.097 (J)			
4/12/2017	0.089 (J)	0.2	0.41		<0.2	<0.2	0.088 (J)
4/13/2017				<0.2			
6/27/2017	0.085 (J)	0.23	0.47	<0.2	<0.2	<0.2	0.1 (J)
10/11/2017	0.089 (J)	0.21				<0.2	<0.2
10/12/2017			0.47	<0.2	<0.2		
3/27/2018	<0.2	0.19 (J)	0.4		<0.2	<0.2	<0.2
3/28/2018				<0.2			
6/6/2018	<0.2	0.2	0.4	<0.2	<0.2	<0.2	<0.2
10/8/2018	<0.2						<0.2
10/9/2018		0.2	0.47	<0.2	<0.2		
10/16/2018						<0.2	
2/20/2019	0.092 (J)	0.2	0.32	0.074 (J)	<0.2	<0.2	0.052 (J)
4/1/2019		0.12 (J)	0.21	0.041 (J)	<0.2	<0.2	0.048 (J)
4/2/2019	0.1 (J)						
9/16/2019	0.099 (J)			0.057 (J)		<0.2	0.065 (J)
9/17/2019		0.2	0.47		<0.2		
2/18/2020	0.11	0.2	0.38			<0.2	
2/19/2020				0.061 (J)	<0.2		0.064 (J)
3/25/2020	0.13		0.31	0.079 (J)	0.031 (J)	0.058 (J)	
3/26/2020		0.14					0.081 (J)
9/14/2020	0.076 (J)	0.11	0.29	0.037 (J)	<0.2	<0.2	0.042 (J)
2/9/2021	0.12	0.22	0.37	0.05 (J)	<0.2	<0.2	0.074 (J)
3/31/2021				0.073 (J)	0.047 (J)		
4/1/2021	0.14	0.25	0.38				
4/7/2021						<0.2	0.066 (J)
8/18/2021	0.19	0.31	0.48				
8/19/2021				0.078 (J)	<0.2	<0.2	
8/20/2021							0.082 (J)
2/9/2022	0.19	0.27					
2/10/2022			0.44	0.098 (J)		<0.2	0.06 (J)
2/11/2022					0.03 (J)		
8/18/2022		0.14	0.54	0.51		0.034 (J)	0.052 (J)
8/19/2022	0.12				<0.2		
2/22/2023	0.11	0.16	0.52	0.076 (J)	0.045 (J)	0.063 (J)	
2/23/2023							0.089 (J)
8/1/2023	0.13						
8/2/2023						<0.2	
8/7/2023				0.11	<0.2		0.078 (J)

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
8/8/2023		0.21	0.78				
2/20/2024	<0.2						
2/21/2024		<0.2	1.1 (J)	<0.2			
2/23/2024					<0.2	<0.2	<0.2
7/31/2024		0.17					
8/1/2024	0.11		0.64	<0.2		<0.2	<0.2
8/5/2024					<0.2		
2/19/2025		0.23	0.17 (J)	<0.2	<0.2		<0.2
2/20/2025	<0.2					<0.2	
7/29/2025	0.19 (J)						
7/30/2025		0.25	0.47	0.13 (J)	0.15 (J)		
7/31/2025						0.12 (J)	0.16 (J)
Mean	0.1415	0.2026	0.4594	0.144	0.1697	0.172	0.1149
Std. Dev.	0.04492	0.04926	0.1734	0.0946	0.06369	0.05746	0.05776
Upper Lim.	0.121	0.2252	0.5218	0.09418	0.2	0.2	0.09361
Lower Lim.	0.09336	0.18	0.3754	0.05965	0.15	0.12	0.06547

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
5/12/2016	0.042 (J)	0.031 (J)	0.1071 (J)	0.011 (J)	0.066 (J)		
5/13/2016						0.0343 (J)	0.0126 (J)
6/28/2016	0.15 (J)	0.03 (J)	0.26 (J)	0.09 (J)			
6/29/2016					0.17 (J)		0.18 (J)
6/30/2016						0.18 (J)	
8/18/2016	<0.2	<0.2	0.14 (J)	<0.2	<0.2		
8/22/2016						<0.2	<0.2
10/17/2016	<0.2	<0.2					
10/18/2016			0.12 (J)	<0.2			<0.2
10/19/2016					<0.2	<0.2	
12/6/2016	<0.2						
12/7/2016		<0.2	0.13 (J)	<0.2	<0.2	<0.2	
12/8/2016							<0.2
2/15/2017	<0.2	<0.2	0.12 (J)		0.089 (J)		
2/16/2017				<0.2		<0.2	<0.2
4/12/2017	<0.2	<0.2	0.11 (J)				
4/13/2017				<0.2	<0.2	<0.2	<0.2
6/27/2017	<0.2	<0.2	0.13 (J)	<0.2	<0.2		
6/28/2017						<0.2	<0.2
10/11/2017	<0.2	<0.2					
10/12/2017			0.13 (J)	<0.2	<0.2	<0.2	<0.2
3/27/2018	<0.2	<0.2	0.12 (J)	<0.2	<0.2		
3/28/2018						<0.2	<0.2
6/7/2018	<0.2	<0.2	0.14 (J)	<0.2	<0.2		
6/8/2018						<0.2	<0.2
10/8/2018	<0.2	<0.2		<0.2	<0.2		
10/9/2018							<0.2
10/16/2018			0.14 (J)				
10/18/2018						<0.2	
1/2/2019						<0.2	
2/20/2019	<0.2	<0.2	0.33	<0.2	0.034 (J)	<0.2	<0.2
4/1/2019	<0.2	<0.2	0.072 (J)				
4/2/2019				<0.2	0.045 (J)	0.05 (J)	<0.2
9/17/2019	0.04 (J)	0.028 (J)	0.1	<0.2	0.047 (J)	0.034 (J)	<0.2
2/19/2020	0.027 (J)	0.026 (J)	0.13	<0.2	0.046 (J)		<0.2
2/20/2020						<0.2	
3/23/2020							0.057 (J)
3/24/2020					0.058 (J)		
3/26/2020						0.091 (J)	
3/27/2020	0.045 (J)	0.041 (J)	0.13	0.027 (J)			
9/14/2020	<0.2						
9/15/2020		0.04 (J)	0.15	0.037 (J)	0.052 (J)	<0.2	<0.2
2/9/2021	<0.2	<0.2	0.14	<0.2			
2/10/2021					0.03 (J)	<0.2	<0.2
3/30/2021						0.1 (J)	<0.2
3/31/2021			0.12				
4/1/2021				<0.2	0.051 (J)		
4/6/2021		<0.2					
4/7/2021	0.053 (J)						
8/18/2021					0.087 (J)	0.099 (J)	
8/19/2021	<0.2	<0.2	0.12	0.038 (J)			<0.2
2/10/2022				<0.2		0.039 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
2/11/2022	0.045 (J)		0.14		0.064 (J)		<0.2
2/14/2022		0.035 (J)					
8/18/2022	0.038 (J)						
8/19/2022		<0.2	0.11				
8/22/2022							0.041 (J)
8/23/2022						0.1 (J)	
8/31/2022				0.058 (J)	0.058 (J)		
2/22/2023					0.06 (J)	0.061 (J)	0.046 (J)
2/23/2023	0.077 (J)	0.068 (J)	0.11	0.045 (J)			
8/2/2023	<0.2						
8/7/2023			0.13		0.076 (J)	0.043 (J)	<0.2
8/8/2023		<0.2		<0.2			
2/20/2024							<0.2
2/23/2024	<0.2						
2/26/2024			<0.2	<0.2	<0.2		
2/27/2024		<0.2				<0.2	
8/1/2024	<0.2	<0.2	<0.2	<0.2			<0.2
8/5/2024					<0.2	<0.2	
2/19/2025	<0.2	<0.2		<0.2	<0.2		
2/20/2025			<0.2				
2/21/2025						<0.2	<0.2
7/23/2025				0.14 (J)	0.14 (J)		
7/24/2025							0.082 (J)
7/25/2025						0.13 (J)	
7/30/2025	0.083 (J)		0.18 (J)				
7/31/2025		0.13 (J)					
Mean	0.1517	0.1527	0.1348	0.1602	0.1232	0.152	0.1731
Std. Dev.	0.07074	0.07391	0.04958	0.06877	0.07122	0.06586	0.05911
Upper Lim.	0.2	0.2	0.14	0.2	0.2	0.2	0.2
Lower Lim.	0.077	0.068	0.11	0.14	0.058	0.099	0.18

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
5/12/2016	0.259 (J)	0.079 (J)	0.029 (J)	0.0341 (J)			
6/29/2016	0.45	0.15 (J)	0.04 (J)	0.04 (J)			
8/19/2016			<0.2	<0.2			
8/22/2016	0.33	0.083 (J)					
10/18/2016	0.26	<0.2	<0.2	<0.2			
12/7/2016		<0.2	<0.2	<0.2			
12/8/2016	0.28						
2/15/2017				0.092 (J)			
2/16/2017	0.28	0.12 (J)	0.1 (J)				
4/13/2017	0.2	<0.2	<0.2	<0.2			
6/28/2017	0.22	0.1 (J)	<0.2	<0.2			
10/12/2017	0.18 (J)	<0.2	<0.2	<0.2			
3/27/2018				<0.2			
3/28/2018	0.19 (J)	<0.2	<0.2				
6/7/2018	0.21	<0.2	<0.2	<0.2			
10/8/2018		<0.2	<0.2	<0.2			
10/18/2018	0.23						<0.2
1/10/2019						<0.2	
2/19/2019			<0.2	0.055 (J)			
2/20/2019	0.2	0.051 (J)					
4/2/2019	0.15 (J)	0.066 (J)	<0.2	0.036 (J)			
9/17/2019	0.14	0.077 (J)					
9/18/2019			0.028 (J)	0.044 (J)			
2/13/2020						<0.2	
2/18/2020	0.16	0.073 (J)	<0.2	0.082 (J)			
3/23/2020	0.25	0.11					
3/24/2020			<0.2	0.081 (J)			
9/15/2020	0.15	0.061 (J)	<0.2	0.052 (J)			
2/10/2021	0.19	0.049 (J)	<0.2	0.046 (J)			
3/30/2021	0.18	0.074 (J)					
3/31/2021			<0.2	0.046 (J)			
8/18/2021		0.12	0.054 (J)	0.11			
8/19/2021	0.17						
2/8/2022					<0.2	<0.2	
2/9/2022							0.028 (J)
2/10/2022			<0.2	0.066 (J)			
2/11/2022	0.14	0.092 (J)					
8/22/2022	0.22	0.09 (J)	0.038 (J)	0.052 (J)			
8/23/2022						0.029 (J)	
8/24/2022					0.069 (J)		0.046 (J)
2/22/2023	0.13						
2/23/2023		0.087 (J)	0.075 (J)	0.089 (J)	0.042 (J)	0.043 (J)	0.049 (J)
8/1/2023						<0.2	0.052 (J)
8/2/2023					<0.2		
8/7/2023	0.18		0.04 (J)				
8/8/2023		0.097 (J)		0.077 (J)			
2/21/2024			<0.2	<0.2	<0.2		
2/26/2024	<0.2						<0.2
2/27/2024		<0.2					
2/28/2024						<0.2	
8/1/2024							<0.2
8/2/2024	<0.2	<0.2	<0.2	0.082 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
8/5/2024					<0.2	<0.2	
2/19/2025					<0.2	<0.2	
2/20/2025	<0.2	<0.2	<0.2				
2/21/2025				<0.2			<0.2
7/24/2025	0.2						
7/28/2025		0.11 (J)	0.082 (J)	0.19 (J)			
7/29/2025						0.092 (J)	0.2
7/30/2025					0.11 (J)		
Mean	0.2017	0.1272	0.1547	0.1198	0.1526	0.1564	0.1306
Std. Dev.	0.07428	0.05754	0.0701	0.07004	0.0679	0.07191	0.08262
Upper Lim.	0.2357	0.2	0.2	0.2	0.2	0.2	0.2
Lower Lim.	0.1677	0.079	0.082	0.052	0.042	0.043	0.028

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018						<0.2	
10/17/2018	0.087 (J)						
10/18/2018		<0.2	<0.2	0.083 (J)	<0.2		
2/19/2020			<0.2				
2/9/2022	<0.2		<0.2	0.033 (J)	0.028 (J)	<0.2	
2/10/2022		<0.2					0.15
8/22/2022				0.043 (J)			
8/23/2022	0.043 (J)	0.036 (J)					
8/24/2022			0.035 (J)		0.037 (J)	0.031 (J)	0.21
2/23/2023			0.06 (J)	0.079 (J)			
2/24/2023	0.062 (J)	0.047 (J)			0.042 (J)		0.083 (J)
2/28/2023						0.034 (J)	
8/1/2023		<0.2					
8/2/2023	0.04 (J)		<0.2	0.053 (J)	<0.2	<0.2	0.087 (J)
2/23/2024						<0.2	<0.2
2/27/2024	<0.2	<0.2	<0.2	<0.2	<0.2		
8/1/2024						<0.2	
8/2/2024					<0.2		<0.2
8/5/2024		<0.2		<0.2			
8/6/2024	<0.2		<0.2				
2/20/2025		<0.2		<0.2			
2/21/2025			<0.2				
2/24/2025	<0.2				<0.2	<0.2	<0.2
7/29/2025	<0.2	0.1 (J)	<0.2	0.11 (J)	0.13 (J)	0.11 (J)	0.13 (J)
Mean	0.1369	0.1537	0.1695	0.1112	0.1374	0.1528	0.1575
Std. Dev.	0.07601	0.07158	0.06457	0.07039	0.07969	0.07429	0.05279
Upper Lim.	0.2	0.2	0.2	0.09184	0.2	0.2	0.21
Lower Lim.	0.04	0.036	0.06	0.04147	0.028	0.031	0.083

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-10	SGWC-12	SGWC-13	SGWC-14
5/11/2016	<0.001	<0.001	<0.001	<0.001	<0.001		
5/12/2016						<0.001	<0.001
6/27/2016	<0.001	<0.001	<0.001				
6/28/2016				<0.001	<0.001	<0.001	<0.001
8/17/2016	<0.001	0.00085 (J)	<0.001	<0.001			
8/18/2016					<0.001	<0.001	<0.001
10/17/2016	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
10/18/2016		<0.001					
12/6/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
12/7/2016							<0.001
2/14/2017	<0.001	<0.001	<0.001				
2/15/2017				<0.001	<0.001	<0.001	<0.001
4/12/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/27/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2018	<0.001	<0.001	<0.001	<0.001	<0.001	0.00039 (J)	<0.001
6/6/2018	<0.001	<0.001	<0.001	<0.001	<0.001		
6/7/2018						<0.001	<0.001
10/8/2018	<0.001				<0.001	<0.001	<0.001
10/9/2018		<0.001	<0.001	<0.001			
2/20/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2019		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/2/2019	<0.001						
9/16/2019	<0.001				<0.001		
9/17/2019		<0.001	<0.001	0.00013 (J)		<0.001	0.00016 (J)
2/18/2020	<0.001	<0.001	<0.001				
2/19/2020				0.00014 (J)	<0.001	<0.001	<0.001
3/25/2020	0.0002 (J)		0.00029 (J)	<0.001			
3/26/2020		<0.001			<0.001		
3/27/2020						<0.001	0.00066 (J)
9/14/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
9/15/2020							<0.001
2/9/2021	<0.001	0.00014 (J)	0.00062 (J)	0.00013 (J)	<0.001	<0.001	<0.001
3/31/2021				<0.001			
4/1/2021	<0.001	0.00015 (J)	<0.001				
4/6/2021							<0.001
4/7/2021					<0.001	<0.001	
8/18/2021	<0.001	<0.001	<0.001				
8/19/2021				<0.001		<0.001	<0.001
8/20/2021					<0.001		
2/9/2022	<0.001	<0.001					
2/10/2022			<0.001		0.0002 (J)		
2/11/2022				<0.001		<0.001	
2/14/2022							<0.001
8/18/2022		<0.001	<0.001		<0.001	<0.001	
8/19/2022	<0.001			<0.001			0.00028 (J)
2/22/2023	<0.001	<0.001	<0.001	<0.001			
2/23/2023					<0.001	<0.001	<0.001
8/1/2023	<0.001						
8/2/2023						<0.001	
8/7/2023				<0.001	<0.001		
8/8/2023		<0.001	<0.001				<0.001
2/20/2024	<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-10	SGWC-12	SGWC-13	SGWC-14
2/21/2024		<0.001	<0.001				
2/23/2024				<0.001	<0.001	0.00038 (J)	
2/27/2024							<0.001
7/31/2024		<0.001					
8/1/2024	<0.001		<0.001		<0.001	<0.001	<0.001
8/5/2024				<0.001			
2/19/2025		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/20/2025	0.00054 (J)						
7/29/2025	0.0026						
7/30/2025		<0.001	<0.001	<0.001		<0.001	
7/31/2025					<0.001		<0.001
Mean	0.001012	0.0009336	0.0009611	0.0009071	0.0009714	0.0009561	0.0009321
Std. Dev.	0.0003553	0.0002245	0.0001498	0.000273	0.0001512	0.0001613	0.0002118
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.00054	0.00085	0.00062	0.00014	0.0002	0.00039	0.00066

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21
5/12/2016	<0.001	<0.001	<0.001			<0.001	<0.001
5/13/2016				<0.001	<0.001		
6/28/2016	<0.001	<0.001					
6/29/2016			<0.001		<0.001	0.0005 (J)	9E-05 (J)
6/30/2016				<0.001			
8/18/2016	<0.001	<0.001	<0.001				
8/22/2016				<0.001	<0.001	<0.001	<0.001
10/18/2016	<0.001	<0.001			<0.001	<0.001	<0.001
10/19/2016			<0.001	<0.001			
12/7/2016	<0.001	<0.001	<0.001	<0.001			<0.001
12/8/2016					<0.001	<0.001	
2/15/2017	<0.001		<0.001				
2/16/2017		<0.001		<0.001	<0.001	0.00035 (J)	<0.001
4/12/2017	<0.001						
4/13/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/27/2017	<0.001	<0.001	<0.001				
6/28/2017				<0.001	<0.001	0.00041 (J)	<0.001
3/27/2018	<0.001	<0.001	<0.001				
3/28/2018				<0.001	<0.001	<0.001	<0.001
6/7/2018	<0.001	<0.001	<0.001			<0.001	<0.001
6/8/2018				<0.001	<0.001		
10/8/2018		<0.001	<0.001				<0.001
10/9/2018					<0.001		
10/16/2018	<0.001						
10/18/2018				<0.001		<0.001	
1/2/2019				<0.001			
2/20/2019	<0.001	<0.001	<0.001	<0.001	<0.001	0.00027 (J)	<0.001
4/1/2019	<0.001						
4/2/2019		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/17/2019	<0.001	<0.001	<0.001	<0.001	<0.001	0.00025 (J)	<0.001
2/18/2020						0.00025 (J)	<0.001
2/19/2020	<0.001	<0.001	<0.001		<0.001		
2/20/2020				<0.001			
3/23/2020					<0.001	0.00023 (J)	<0.001
3/24/2020			<0.001				
3/26/2020				<0.001			
3/27/2020	0.00023 (J)	0.00013 (J)					
9/15/2020	<0.001	<0.001	<0.001	<0.001	<0.001	0.00017 (J)	0.00022 (J)
2/9/2021	<0.001	<0.001					
2/10/2021			0.00017 (J)	0.00029 (J)	<0.001	0.0003 (J)	0.00016 (J)
3/30/2021				<0.001	<0.001	0.00018 (J)	0.0002 (J)
3/31/2021	<0.001						
4/1/2021		<0.001	<0.001				
8/18/2021			<0.001	0.00071 (J)			0.00041 (J)
8/19/2021	<0.001	<0.001			<0.001	0.00034 (J)	
2/10/2022		<0.001		<0.001			
2/11/2022	<0.001		<0.001		0.00033 (J)	0.00021 (J)	<0.001
8/19/2022	<0.001						
8/22/2022					<0.001	0.00028 (J)	0.0002 (J)
8/23/2022				<0.001			
8/31/2022		<0.001	<0.001				
2/22/2023			<0.001	<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-21
2/23/2023	<0.001	<0.001					<0.001
8/7/2023	<0.001		<0.001	<0.001	<0.001	<0.001	
8/8/2023		<0.001					<0.001
2/20/2024					<0.001		
2/26/2024	<0.001	<0.001	<0.001			<0.001	
2/27/2024				<0.001			<0.001
8/1/2024	<0.001	<0.001			<0.001		
8/2/2024						<0.001	<0.001
8/5/2024			<0.001	<0.001			
2/19/2025		<0.001	<0.001				
2/20/2025	<0.001					<0.001	0.0047
2/21/2025				<0.001	<0.001		
7/23/2025		0.0014	<0.001				
7/24/2025					<0.001	<0.001	
7/25/2025				<0.001			
7/28/2025							<0.001
7/30/2025	<0.001						
Mean	0.0009725	0.0009832	0.0009704	0.0009655	0.0009761	0.0006693	0.0009636
Std. Dev.	0.0001455	0.0001835	0.0001569	0.0001406	0.0001266	0.0003671	0.0008033
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.00023	0.001	0.00017	0.00071	0.00033	0.00028	0.00041

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-22	SGWC-23	PZ-13S	PZ-42I
5/12/2016	<0.001	<0.001		
6/29/2016	<0.001	9E-05 (J)		
8/19/2016	<0.001	<0.001		
10/18/2016	<0.001	<0.001		
12/7/2016	<0.001	<0.001		
2/15/2017		<0.001		
2/16/2017	<0.001			
4/13/2017	<0.001	<0.001		
6/28/2017	<0.001	<0.001		
3/27/2018		<0.001		
3/28/2018	<0.001			
6/7/2018	<0.001	<0.001		
10/8/2018	<0.001	<0.001		
10/18/2018				<0.001
2/19/2019	<0.001	<0.001		
4/2/2019	<0.001	<0.001		
9/18/2019	<0.001	<0.001		
2/18/2020	0.00018 (J)	<0.001		
3/24/2020	<0.001	<0.001		
9/15/2020	0.00019 (J)	<0.001		
2/10/2021	0.00016 (J)	<0.001		
3/31/2021	0.00015 (J)	<0.001		
8/18/2021	<0.001	<0.001		
2/8/2022			<0.001	
2/9/2022				<0.001
2/10/2022	<0.001	<0.001		
8/22/2022	0.00017 (J)	<0.001		0.00019 (J)
8/24/2022			<0.001	
2/23/2023	<0.001	<0.001	<0.001	<0.001
8/2/2023			<0.001	<0.001
8/7/2023	<0.001			
8/8/2023		<0.001		
2/21/2024	<0.001	<0.001	<0.001	
2/27/2024				<0.001
8/2/2024	<0.001	<0.001		
8/5/2024			<0.001	<0.001
2/19/2025			0.00069 (J)	
2/20/2025	<0.001			<0.001
2/21/2025		<0.001		
7/28/2025	<0.001	<0.001		
7/29/2025				0.0016
7/30/2025			<0.001	
Mean	0.0008518	0.0009675	0.0009613	0.0009767
Std. Dev.	0.0003238	0.000172	0.0001096	0.0003555
Upper Lim.	0.001	0.001	0.001	0.0016
Lower Lim.	0.00019	9E-05	0.00069	0.00019

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
6/27/2016	<0.02	0.0031 (J)	0.0013 (J)				
6/28/2016					<0.02	0.0013 (J)	<0.02
6/29/2016				<0.02			
8/17/2016	<0.02	0.0046 (J)	<0.02		<0.02	<0.02	
8/18/2016							<0.02
8/22/2016				<0.02			
10/17/2016	<0.02		<0.02		<0.02	<0.02	<0.02
10/18/2016		0.0036 (J)		<0.02			
12/6/2016	<0.02	0.0043 (J)	<0.02		<0.02	<0.02	<0.02
12/7/2016				<0.02			
2/14/2017	<0.02	0.0043 (J)	<0.02				
2/15/2017					<0.02	<0.02	<0.02
2/16/2017				<0.02			
4/12/2017	<0.02	0.0051	<0.02		<0.02	<0.02	<0.02
4/13/2017				<0.02			
6/27/2017	<0.02	0.0033 (J)	<0.02	<0.02	<0.02	<0.02	<0.02
3/27/2018	<0.02	0.0061	0.0023 (J)		<0.02	0.0029 (J)	<0.02
3/28/2018				<0.02			
6/6/2018	<0.02	0.004 (J)	0.0018 (J)	<0.02	<0.02	0.0017 (J)	<0.02
10/8/2018	<0.02						<0.02
10/9/2018		0.0053	0.002 (J)	<0.02	<0.02		
10/16/2018						0.0031 (J)	
2/20/2019	<0.02	0.006	<0.02	<0.02	<0.02	0.0031 (J)	<0.02
4/1/2019		0.0058	0.0021 (J)	<0.02	<0.02	0.0017 (J)	0.0011 (J)
4/2/2019	<0.02						
9/16/2019	<0.02			<0.02		<0.02	<0.02
9/17/2019		0.0049	<0.02		<0.02		
2/18/2020	<0.02	0.0052	<0.02			<0.02	
2/19/2020				<0.02	<0.02		<0.02
3/25/2020	<0.02		<0.02	<0.02	<0.02	<0.02	
3/26/2020		0.006					<0.02
9/14/2020	<0.02	0.0051	<0.02	<0.02	<0.02	<0.02	<0.02
2/9/2021	<0.02	0.0052	<0.02	<0.02	<0.02	<0.02	<0.02
3/31/2021				<0.02	<0.02		
4/1/2021	<0.02	0.0053	<0.02				
4/7/2021						<0.02	<0.02
8/18/2021	<0.02	0.0034 (J)	<0.02				
8/19/2021				<0.02	<0.02	<0.02	
8/20/2021							<0.02
2/9/2022	0.0013 (J)	0.0048 (J)					
2/10/2022			0.0015 (J)	<0.02		0.0022 (J)	<0.02
2/11/2022					<0.02		
8/18/2022		0.0061	0.0025 (J)	0.0014 (J)		0.0033 (J)	0.0012 (J)
8/19/2022	0.0023 (J)				0.0011 (J)		
2/22/2023	<0.02	0.0056	0.0014 (J)	<0.02	<0.02	0.0024 (J)	
2/23/2023							<0.02
8/1/2023	<0.02						
8/2/2023						<0.02	
8/7/2023				<0.02	<0.02		<0.02
8/8/2023		0.0041 (J)	<0.02				
2/20/2024	0.0046 (J)						

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
2/21/2024		0.003 (J)	<0.02	<0.02			
2/23/2024					<0.02	<0.02	<0.02
7/31/2024		0.002 (J)					
8/1/2024	0.004 (J)		<0.02	<0.02		0.0059	<0.02
8/5/2024					<0.02		
2/19/2025		0.0063	<0.02	<0.02	<0.02		<0.02
2/20/2025	<0.02					0.0043 (J)	
7/29/2025	<0.02						
7/30/2025		0.0063 (J)	<0.02	<0.02	<0.02		
7/31/2025						<0.02	<0.02
Mean	0.01758	0.004957	0.01482	0.01934	0.01932	0.01328	0.01865
Std. Dev.	0.006061	0.001504	0.008347	0.003515	0.003572	0.008542	0.004944
Upper Lim.	0.02	0.00566	0.02	0.02	0.02	0.02	0.02
Lower Lim.	0.0046	0.004254	0.0025	0.0014	0.0011	0.0031	0.0012

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
5/12/2016	<0.02	<0.02	<0.02	<0.02	<0.02		
5/13/2016						<0.02	<0.02
6/28/2016	<0.02	<0.02	0.0024 (J)	<0.02			
6/29/2016					<0.02		<0.02
6/30/2016						0.0032 (J)	
8/18/2016	<0.02	<0.02	<0.02	<0.02	<0.02		
8/22/2016						<0.02	<0.02
10/17/2016	<0.02	<0.02					
10/18/2016			<0.02	<0.02			<0.02
10/19/2016					<0.02	0.0042 (J)	
12/6/2016	<0.02						
12/7/2016		<0.02	<0.02	<0.02	<0.02	<0.02	
12/8/2016							<0.02
2/15/2017	<0.02	<0.02	<0.02		<0.02		
2/16/2017				<0.02		0.0034 (J)	<0.02
4/12/2017	<0.02	<0.02	<0.02				
4/13/2017				<0.02	<0.02	<0.02	<0.02
6/27/2017	<0.02	<0.02	<0.02	<0.02	<0.02		
6/28/2017						<0.02	<0.02
3/27/2018	<0.02	<0.02	0.0034 (J)	<0.02	0.0014 (J)		
3/28/2018						0.0056	<0.02
6/7/2018	<0.02	<0.02	0.003 (J)	<0.02	<0.02		
6/8/2018						0.0042 (J)	0.0022 (J)
10/8/2018	0.0014 (J)	0.0011 (J)		0.0015 (J)	<0.02		
10/9/2018							<0.02
10/16/2018			0.0034 (J)				
10/18/2018						0.0054	
1/2/2019						0.0055	
2/20/2019	<0.02	<0.02	0.0038 (J)	<0.02	<0.02	0.0054	<0.02
4/1/2019	<0.02	<0.02	0.0025 (J)				
4/2/2019				<0.02	<0.02	0.0041 (J)	0.0021 (J)
9/17/2019	<0.02	<0.02	0.0037	<0.02	<0.02	0.005	<0.02
2/19/2020	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
2/20/2020						0.0045 (J)	
3/23/2020							<0.02
3/24/2020					<0.02		
3/26/2020						0.0046 (J)	
3/27/2020	<0.02	<0.02	0.0038 (J)	<0.02			
9/14/2020	<0.02						
9/15/2020		<0.02	0.0037 (J)	<0.02	<0.02	0.0049 (J)	<0.02
2/9/2021	<0.02	<0.02	<0.02	<0.02			
2/10/2021					<0.02	0.0055	<0.02
3/30/2021						0.0043 (J)	<0.02
3/31/2021			<0.02				
4/1/2021				<0.02	<0.02		
4/6/2021		<0.02					
4/7/2021	<0.02						
8/18/2021					<0.02	0.0047 (J)	
8/19/2021	<0.02	<0.02	<0.02	<0.02			<0.02
2/10/2022				<0.02		0.0039 (J)	
2/11/2022	<0.02		0.0027 (J)		<0.02		0.0072
2/14/2022		<0.02					

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-19
8/18/2022	0.0012 (J)						
8/19/2022		0.0015 (J)	0.0038 (J)				
8/22/2022							0.0012 (J)
8/23/2022						0.0032 (J)	
8/31/2022				0.0012 (J)	<0.02		
2/22/2023					<0.02	0.0035 (J)	0.0015 (J)
2/23/2023	<0.02	<0.02	0.0022 (J)	<0.02			
8/2/2023	<0.02						
8/7/2023			<0.02		<0.02	<0.02	<0.02
8/8/2023		<0.02		<0.02			
2/20/2024							0.015
2/23/2024	<0.02						
2/26/2024			<0.02	<0.02	<0.02		
2/27/2024		0.0021 (J)				0.0069	
8/1/2024	0.0026 (J)	<0.02	0.0042 (J)	<0.02			0.0027 (J)
8/5/2024					<0.02	<0.02	
2/19/2025	0.0025 (J)	0.0035 (J)		0.0038 (J)	<0.02		
2/20/2025			0.0038 (J)				
2/21/2025						0.0026 (J)	0.016
7/23/2025				<0.02	<0.02		
7/24/2025							<0.02
7/25/2025						0.0047 (J)	
7/30/2025	<0.02		0.0042 (J)				
7/31/2025		<0.02					
Mean	0.01742	0.01744	0.01109	0.01809	0.01934	0.008252	0.016
Std. Dev.	0.006446	0.006406	0.008457	0.00563	0.003515	0.0068	0.007171
Upper Lim.	0.02	0.02	0.02	0.02	0.02	0.0069	0.02
Lower Lim.	0.0026	0.0035	0.0037	0.0038	0.0014	0.0042	0.016

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
5/12/2016	<0.02	<0.02	<0.02	<0.02			
6/29/2016	0.0043 (J)	<0.02	<0.02	0.0027 (J)			
8/19/2016			<0.02	<0.02			
8/22/2016	0.0051	<0.02					
10/18/2016	0.0038 (J)	<0.02	<0.02	0.0032 (J)			
12/7/2016		<0.02	<0.02	0.0043 (J)			
12/8/2016	0.0043 (J)						
2/15/2017				<0.02			
2/16/2017	0.0047 (J)	<0.02	<0.02				
4/13/2017	0.004 (J)	<0.02	<0.02	0.0036 (J)			
6/28/2017	0.0032 (J)	<0.02	<0.02	0.0032 (J)			
3/27/2018				0.005			
3/28/2018	0.0053	0.0038 (J)	0.0033 (J)				
6/7/2018	0.0038 (J)	0.0013 (J)	<0.02	0.0027 (J)			
10/8/2018		0.0019 (J)	0.0011 (J)	0.0035 (J)			
10/18/2018	0.0062						0.0017 (J)
1/10/2019						<0.02	
2/19/2019			<0.02	<0.02			
2/20/2019	0.0048 (J)	<0.02					
4/2/2019	0.0046 (J)	0.0027 (J)	0.0026 (J)	0.0041 (J)			
9/17/2019	0.0042	<0.02					
9/18/2019			<0.02	0.0043			
2/13/2020						<0.02	
2/18/2020	0.0036 (J)	<0.02	<0.02	<0.02			
3/23/2020	0.0045 (J)	<0.02					
3/24/2020			<0.02	<0.02			
9/15/2020	0.0037 (J)	<0.02	<0.02	<0.02			
2/10/2021	0.0047 (J)	<0.02	<0.02	<0.02			
3/30/2021	<0.02	<0.02					
3/31/2021			<0.02	<0.02			
4/2/2021						<0.02	
8/18/2021		<0.02	<0.02	<0.02		<0.02	
8/19/2021	0.0046 (J)						
2/8/2022					0.0025 (J)	0.0015 (J)	
2/9/2022							<0.02
2/10/2022			<0.02	0.0029 (J)			
2/11/2022	0.0037 (J)	0.0011 (J)					
8/22/2022	0.003 (J)	<0.02	0.00087 (J)	0.002 (J)			
8/23/2022						0.0011 (J)	
8/24/2022					0.0023 (J)		<0.02
2/22/2023	0.0025 (J)						
2/23/2023		<0.02	0.0019 (J)	0.0042 (J)	0.0033 (J)	0.0022 (J)	0.0016 (J)
8/1/2023						<0.02	<0.02
8/2/2023					<0.02		
8/7/2023	<0.02		<0.02				
8/8/2023		<0.02		<0.02			
2/21/2024			<0.02	0.0027 (J)	<0.02		
2/26/2024	<0.02						<0.02
2/27/2024		<0.02					
2/28/2024						<0.02	
8/1/2024							<0.02
8/2/2024	0.004 (J)	0.0033 (J)	<0.02	0.0034 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-20	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-14S	PZ-17I
8/5/2024					<0.02	<0.02	
2/19/2025					<0.02	0.0031 (J)	
2/20/2025	0.0071	<0.02	<0.02				
2/21/2025				0.0051			<0.02
7/24/2025	<0.02						
7/28/2025		<0.02	<0.02	<0.02			
7/29/2025						<0.02	<0.02
7/30/2025					<0.02		
Mean	0.007132	0.01622	0.01678	0.0106	0.01351	0.01399	0.01592
Std. Dev.	0.006176	0.00739	0.007049	0.008313	0.008958	0.008887	0.008092
Upper Lim.	0.0053	0.02	0.02	0.02	0.02	0.02	0.02
Lower Lim.	0.0038	0.0038	0.0033	0.0034	0.0023	0.0015	0.0016

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-43S	PZ-44I	PZ-69I
10/16/2018						0.069	
10/17/2018	0.0027 (J)						
10/18/2018		0.015	0.0029 (J)	0.004 (J)	0.0015 (J)		
2/19/2020			<0.02				
3/2/2020						<0.02	
3/31/2021						0.023	
4/7/2021						0.02	
8/18/2021						0.0095	
2/9/2022	0.012		<0.02	0.0026 (J)	0.0031 (J)	0.01	
2/10/2022		0.01					0.0029 (J)
8/22/2022				0.0036 (J)			
8/23/2022	0.022	0.01					
8/24/2022			0.00099 (J)		0.0032 (J)	0.011	0.0025 (J)
2/23/2023			<0.02	0.0064			
2/24/2023	0.0071	0.011			0.0046 (J)		0.0026 (J)
2/28/2023						0.014	
8/1/2023		0.0083					
8/2/2023	0.0063		<0.02	0.0055	<0.02	0.015	<0.02
2/23/2024						0.01	<0.02
2/27/2024	<0.02	0.0071	<0.02	0.0049 (J)	0.0038 (J)		
8/1/2024						0.06	
8/2/2024					0.0045 (J)		0.0045 (J)
8/5/2024		0.012		<0.02			
8/6/2024	0.0094		<0.02				
2/20/2025		0.013		0.028			
2/21/2025			0.0057				
2/24/2025	0.0025 (J)				<0.02	0.037	<0.02
7/29/2025	0.0068 (J)	0.018 (J)	<0.02	0.006 (J)	0.0079 (J)	0.025	<0.02
Mean	0.008756	0.0116	0.01496	0.007889	0.007622	0.02412	0.01156
Std. Dev.	0.005877	0.003377	0.008193	0.007833	0.007224	0.0197	0.009041
Upper Lim.	0.01443	0.01486	0.02	0.01178	0.005788	0.03153	0.02
Lower Lim.	0.003081	0.008339	0.0029	0.003107	0.002347	0.0113	0.0025

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
6/27/2016	<0.0002	<0.0002	<0.0002				
6/28/2016					<0.0002	<0.0002	<0.0002
6/29/2016				<0.0002			
8/17/2016	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	
8/18/2016							<0.0002
8/22/2016				<0.0002			
10/17/2016	<0.0002		<0.0002		<0.0002	<0.0002	<0.0002
10/18/2016		<0.0002		<0.0002			
12/6/2016	0.00011 (J)	0.00011 (J)	7.6E-05 (J)		0.00013 (J)	0.0001 (J)	9.3E-05 (J)
12/7/2016				0.0001 (J)			
2/14/2017	<0.0002	<0.0002	<0.0002				
2/15/2017					<0.0002	<0.0002	<0.0002
2/16/2017				<0.0002			
4/12/2017	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
4/13/2017				<0.0002			
6/27/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/27/2018	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
3/28/2018				<0.0002			
6/6/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
10/8/2018	<0.0002						<0.0002
10/9/2018		<0.0002	<0.0002	<0.0002	<0.0002		
10/16/2018						<0.0002	
2/20/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/1/2019		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/2/2019	<0.0002						
9/16/2019	<0.0002			<0.0002		<0.0002	<0.0002
9/17/2019		<0.0002	<0.0002		<0.0002		
2/18/2020	<0.0002	<0.0002	<0.0002			<0.0002	
2/19/2020				<0.0002	<0.0002		<0.0002
3/25/2020	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	
3/26/2020		<0.0002					<0.0002
9/14/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/9/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/31/2021				<0.0002	<0.0002		
4/1/2021	<0.0002	<0.0002	<0.0002				
4/7/2021						<0.0002	<0.0002
8/18/2021	<0.0002	<0.0002	<0.0002				
8/19/2021				<0.0002	<0.0002	<0.0002	
8/20/2021							<0.0002
2/9/2022	<0.0002	<0.0002					
2/10/2022			<0.0002	<0.0002		<0.0002	<0.0002
2/11/2022					<0.0002		
8/18/2022		<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
8/19/2022	<0.0002				<0.0002		
2/22/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
2/23/2023							<0.0002
8/1/2023	<0.0002						
8/2/2023						<0.0002	
8/7/2023				<0.0002	<0.0002		<0.0002
8/8/2023		<0.0002	<0.0002				
2/20/2024	<0.0002						

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
2/21/2024		<0.0002	<0.0002	<0.0002			
2/23/2024					<0.0002	<0.0002	<0.0002
7/31/2024		<0.0002					
8/1/2024	<0.0002		<0.0002	<0.0002		<0.0002	<0.0002
8/5/2024					<0.0002		
2/19/2025		<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
2/20/2025	<0.0002					<0.0002	
7/29/2025	<0.0002						
7/30/2025		<0.0002	0.00017 (J)	<0.0002	<0.0002		
7/31/2025						<0.0002	<0.0002
Mean	0.0001968	0.0001968	0.0001945	0.0001964	0.0001975	0.0001964	0.0001962
Std. Dev.	1.701E-05	1.701E-05	2.39E-05	1.89E-05	1.323E-05	1.89E-05	2.022E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lower Lim.	0.00011	0.00011	0.00017	0.0001	0.00013	0.0001	9.3E-05

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-20
5/12/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
5/13/2016						<0.0002	
6/28/2016	<0.0002	<0.0002	<0.0002	<0.0002			
6/29/2016					<0.0002		<0.0002
6/30/2016						<0.0002	
8/18/2016	<0.0002	<0.0002	0.00011 (J)	<0.0002	<0.0002		
8/22/2016						0.00014 (J)	7.3E-05 (J)
10/17/2016	<0.0002	8.9E-05 (J)					
10/18/2016			0.00012 (J)	<0.0002			<0.0002
10/19/2016					<0.0002	<0.0002	
12/6/2016	0.00011 (J)						
12/7/2016		0.00012 (J)	0.00017 (J)	7.6E-05 (J)	0.00011 (J)	0.00014 (J)	
12/8/2016							<0.0002
2/15/2017	<0.0002	<0.0002	0.00011 (J)		<0.0002		
2/16/2017				<0.0002		8.4E-05 (J)	<0.0002
4/12/2017	<0.0002	<0.0002	7.2E-05 (J)				
4/13/2017				<0.0002	<0.0002	<0.0002	<0.0002
6/27/2017	<0.0002	<0.0002	8.4E-05 (J)	<0.0002	<0.0002		
6/28/2017						<0.0002	<0.0002
3/27/2018	<0.0002	0.0001 (J)	0.00014 (J)	<0.0002	<0.0002		
3/28/2018						8.3E-05 (J)	<0.0002
6/7/2018	<0.0002	<0.0002	0.00013 (J)	<0.0002	0.00011 (J)		8.2E-05 (J)
6/8/2018						0.00014 (J)	
10/8/2018	<0.0002	<0.0002		<0.0002	<0.0002		
10/16/2018			<0.0002				
10/18/2018						0.00021	<0.0002
1/2/2019						0.00024	
2/20/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00026	<0.0002
4/1/2019	<0.0002	<0.0002	<0.0002				
4/2/2019				<0.0002	<0.0002	0.0002	<0.0002
9/17/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00014 (J)	<0.0002
2/18/2020							<0.0002
2/19/2020	<0.0002	0.0002	0.00016 (J)	<0.0002	<0.0002		
2/20/2020						0.00022	
3/23/2020							<0.0002
3/24/2020					<0.0002		
3/26/2020						0.00019 (J)	
3/27/2020	<0.0002	<0.0002	0.00011 (J)	<0.0002			
9/14/2020	<0.0002						
9/15/2020		<0.0002	<0.0002	<0.0002	<0.0002	0.00013 (J)	<0.0002
2/9/2021	<0.0002	<0.0002	0.00013 (J)	<0.0002			
2/10/2021					<0.0002	0.00018 (J)	<0.0002
3/30/2021						0.00022	0.00013 (J)
3/31/2021			0.00018 (J)				
4/1/2021				<0.0002	<0.0002		
4/6/2021		<0.0002					
4/7/2021	<0.0002						
8/18/2021					0.00017 (J)	0.00022	
8/19/2021	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002
2/10/2022				<0.0002		<0.0002	
2/11/2022	<0.0002		<0.0002		<0.0002		<0.0002
2/14/2022		<0.0002					

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-20
8/18/2022	<0.0002						
8/19/2022		<0.0002	<0.0002				
8/31/2022				<0.0002	0.00013 (J)		
10/31/2022						<0.0002	<0.0002
2/22/2023					<0.0002	<0.0002	<0.0002
2/23/2023	<0.0002	<0.0002	<0.0002	<0.0002			
8/2/2023	<0.0002						
8/7/2023			0.0001 (J)		<0.0002	8.3E-05 (J)	<0.0002
8/8/2023		<0.0002		<0.0002			
2/23/2024	<0.0002						
2/26/2024			0.00013 (J)	<0.0002	9.1E-05 (J)		<0.0002
2/27/2024		<0.0002				<0.0002	
8/1/2024	<0.0002	<0.0002	8.9E-05 (J)	<0.0002			
8/2/2024							<0.0002
8/5/2024					<0.0002	<0.0002	
2/19/2025	<0.0002	8.1E-05 (J)		<0.0002	8.7E-05 (J)		
2/20/2025			0.00015 (J)				<0.0002
2/21/2025						<0.0002	
7/23/2025				<0.0002	<0.0002		
7/24/2025							<0.0002
7/25/2025						<0.0002	
7/30/2025	<0.0002		<0.0002				
7/31/2025		<0.0002					
Mean	0.0001968	0.0001854	0.0001566	0.0001956	0.0001821	0.0001821	0.0001887
Std. Dev.	1.701E-05	3.696E-05	4.465E-05	2.343E-05	3.734E-05	4.544E-05	3.411E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lower Lim.	0.00011	0.00012	0.00012	7.6E-05	0.00017	0.00018	0.00013

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-44I
5/12/2016	<0.0002	<0.0002	<0.0002		
6/29/2016	<0.0002	<0.0002	<0.0002		
8/19/2016		<0.0002	7.1E-05 (J)		
8/22/2016	<0.0002				
10/18/2016	<0.0002	<0.0002	<0.0002		
12/7/2016	0.0001 (J)	9.9E-05 (J)	0.00011 (J)		
2/15/2017			<0.0002		
2/16/2017	<0.0002	<0.0002			
4/13/2017	<0.0002	<0.0002	<0.0002		
6/28/2017	<0.0002	<0.0002	<0.0002		
3/27/2018			<0.0002		
3/28/2018	<0.0002	<0.0002			
6/7/2018	<0.0002	<0.0002	0.00028		
10/8/2018	<0.0002	<0.0002	<0.0002		
10/16/2018					8.4E-05 (J)
2/19/2019		<0.0002	<0.0002		
2/20/2019	<0.0002				
4/2/2019	<0.0002	<0.0002	<0.0002		
9/17/2019	<0.0002				
9/18/2019		<0.0002	<0.0002		
2/18/2020	<0.0002	<0.0002	0.00011 (J)		
3/23/2020	<0.0002				
3/24/2020		<0.0002	<0.0002		
9/15/2020	<0.0002	<0.0002	<0.0002		
2/10/2021	<0.0002	<0.0002	<0.0002		
3/30/2021	<0.0002				
3/31/2021		<0.0002	<0.0002		
8/18/2021	<0.0002	<0.0002	<0.0002		
2/8/2022				0.00022	
2/9/2022					<0.0002
2/10/2022		<0.0002	<0.0002		
2/11/2022	<0.0002				
8/24/2022				0.00024	<0.0002
10/31/2022	<0.0002	<0.0002	<0.0002		
2/23/2023	<0.0002	<0.0002	<0.0002	0.00015 (J)	
2/28/2023					<0.0002
8/2/2023				0.00016 (J)	<0.0002
8/7/2023		<0.0002			
8/8/2023	<0.0002		<0.0002		
2/21/2024		<0.0002	<0.0002	9.6E-05 (J)	
2/23/2024					<0.0002
2/27/2024	<0.0002				
8/1/2024					<0.0002
8/2/2024	<0.0002	<0.0002	<0.0002		
8/5/2024				0.00013 (J)	
2/19/2025				0.00069	
2/20/2025	<0.0002	<0.0002			
2/21/2025			<0.0002		
2/24/2025					<0.0002
7/28/2025	<0.0002	<0.0002	<0.0002		
7/29/2025					<0.0002
7/30/2025				0.00063	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-21	SGWC-22	SGWC-23	PZ-13S	PZ-44I
Mean	0.0001964	0.0001964	0.0001918	0.0002895	0.0001871
Std. Dev.	1.89E-05	1.909E-05	3.72E-05	0.0002338	3.867E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0004853	0.0002
Lower Lim.	0.0001	9.9E-05	0.00011	0.0001055	8.4E-05

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-12	SGWC-14	SGWC-16
5/11/2016	<0.005	0.00343 (J)	<0.005	<0.005	<0.005		
5/12/2016						<0.005	<0.015
6/27/2016	0.0007 (J)	0.0033 (J)	0.0008 (J)				
6/28/2016					0.0012 (J)	<0.005	<0.015
6/29/2016				0.0021 (J)			
8/17/2016	<0.005	0.002 (J)	<0.005				
8/18/2016					0.0011 (J)	<0.005	<0.015
8/22/2016				0.00099 (J)			
10/17/2016	<0.005		<0.005		<0.005	<0.005	
10/18/2016		0.0012 (J)		0.0014 (J)			<0.015
12/6/2016	<0.005	0.0021 (J)	<0.005		<0.005		
12/7/2016				0.001 (J)		<0.005	<0.015
2/14/2017	<0.005	<0.015	<0.005				
2/15/2017					<0.005	0.003 (J)	
2/16/2017				<0.005			<0.015
4/12/2017	<0.005	0.0033 (J)	<0.005		<0.005	<0.005	
4/13/2017				0.001 (J)			<0.015
6/27/2017	0.00099 (J)	0.0021 (J)	<0.005	<0.005	<0.005	<0.005	<0.015
3/27/2018	<0.005	<0.015	<0.005		<0.005	<0.005	<0.015
3/28/2018				<0.005			
10/8/2018	<0.005				<0.005	<0.005	<0.015
10/9/2018		<0.015	<0.005	<0.005			
2/20/2019	<0.005	0.0013 (J)	<0.005	0.00075 (J)	<0.005	<0.005	<0.015
4/1/2019		<0.015	<0.005	<0.005	<0.005	<0.005	
4/2/2019	<0.005						<0.015
9/16/2019	<0.005			0.00067 (J)	<0.005		
9/17/2019		0.0014 (J)	<0.005			<0.005	<0.015
2/18/2020	<0.005	0.0014 (J)	<0.005				
2/19/2020				0.00063 (J)	<0.005	<0.005	<0.015
3/25/2020	<0.005		<0.005	<0.005			
3/26/2020		0.001 (J)			<0.005		
3/27/2020						0.00081 (J)	<0.015
9/14/2020	<0.005	0.0012 (J)	<0.005	<0.005	<0.005		
9/15/2020						<0.005	<0.015
2/9/2021	<0.005	0.0014 (J)	<0.005	0.00063 (J)	<0.005	<0.005	<0.015
3/31/2021				<0.005			
4/1/2021	<0.005	0.0009 (J)	<0.005				<0.015
4/6/2021						<0.005	
4/7/2021					<0.005		
8/18/2021	<0.005	0.0016 (J)	<0.005				
8/19/2021				<0.005		<0.005	<0.015
8/20/2021					<0.005		
2/9/2022	<0.005	0.0012 (J)					
2/10/2022			<0.005	<0.005	<0.005		<0.015
2/14/2022						<0.005	
8/18/2022		0.0011 (J)	0.00073 (J)	<0.005	<0.005		
8/19/2022	<0.005					<0.005	
8/31/2022							<0.015
2/22/2023	<0.005	<0.015	<0.005	<0.005			
2/23/2023					<0.005	<0.005	<0.015
8/1/2023	<0.005						
8/7/2023				<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-12	SGWC-14	SGWC-16
8/8/2023		0.001 (J)	<0.005			<0.005	<0.015
2/20/2024	<0.005						
2/21/2024		0.0014 (J)	<0.005	<0.005			
2/23/2024					<0.005		
2/26/2024							<0.015
2/27/2024						<0.005	
7/31/2024		0.0011 (J)					
8/1/2024	<0.005		<0.005	<0.005	<0.005	<0.005	<0.015
2/19/2025		0.001 (J)	<0.005	<0.005	<0.005	<0.005	<0.015
2/20/2025	<0.005						
7/23/2025							0.0011 (J)
7/29/2025	<0.005						
7/30/2025		0.0012 (J)	<0.005	<0.005			
7/31/2025					<0.005	<0.005	
Mean	0.004692	0.004097	0.004686	0.003673	0.004715	0.004771	0.01449
Std. Dev.	0.00111	0.005343	0.00113	0.001931	0.001028	0.0008801	0.002675
Upper Lim.	0.005	0.0033	0.005	0.005	0.005	0.005	0.015
Lower Lim.	0.00099	0.0012	0.0008	0.0014	0.0012	0.003	0.0011

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-23	PZ-39S	PZ-40I	PZ-42I	PZ-43S	PZ-69I
5/12/2016	<0.005					
6/29/2016	<0.005					
8/19/2016	<0.005					
10/18/2016	<0.005					
12/7/2016	<0.005					
2/15/2017	<0.005					
4/13/2017	<0.005					
6/28/2017	<0.005					
3/27/2018	<0.005					
10/8/2018	<0.005					
2/19/2019	<0.005					
4/2/2019	<0.005					
9/18/2019	<0.005					
2/18/2020	<0.005					
3/24/2020	<0.005					
9/15/2020	<0.005					
2/10/2021	<0.005					
3/31/2021	<0.005					
8/18/2021	<0.005					
2/9/2022		0.0011 (J)		0.0057 (J)	<0.015	
2/10/2022	<0.005		<0.005			0.0017 (J)
8/22/2022	<0.005			0.0062 (J)		
8/23/2022		0.0013 (J)	0.00079 (J)			
8/24/2022					<0.015	0.00081 (J)
2/23/2023	0.00062 (J)			0.0066 (J)		
2/24/2023		0.0011 (J)	<0.005		<0.015	0.00069 (J)
8/1/2023			<0.005			
8/2/2023		0.0011 (J)		0.0062 (J)	<0.015	0.0011 (J)
8/8/2023	<0.005					
2/21/2024	<0.005					
2/23/2024						<0.015
2/27/2024		0.00099 (J)	<0.005	0.0067 (J)	<0.015	
8/2/2024	<0.005				<0.015	<0.015
8/5/2024			<0.005	0.0079 (J)		
8/6/2024		0.00087 (J)				
2/20/2025			<0.005	0.0097 (J)		
2/21/2025	<0.005					
2/24/2025		<0.015			<0.015	<0.015
7/28/2025	<0.005					
7/29/2025		0.0013 (J)	<0.005	0.0077	0.0021 (J)	0.0013 (J)
Mean	0.004838	0.001907	0.004474	0.007088	0.01339	0.006325
Std. Dev.	0.0008429	0.002264	0.001488	0.001296	0.004561	0.00719
Upper Lim.	0.005	0.0075	0.005	0.008461	0.015	0.015
Lower Lim.	0.00062	0.00087	0.00079	0.005714	0.0021	0.00069

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15
5/11/2016	<0.005	<0.005	<0.005	<0.005			
5/12/2016					<0.005	<0.005	0.00965 (J)
6/27/2016	<0.005	<0.005					
6/28/2016			<0.005	<0.005	<0.005	<0.005	0.0101
8/17/2016	<0.005	<0.005	<0.005				
8/18/2016				0.00031 (J)	<0.005	<0.005	0.0014
10/17/2016	<0.005		<0.005	<0.005	0.0003 (J)	<0.005	
10/18/2016		<0.005					0.0013
12/6/2016	<0.005	<0.005	<0.005	<0.005	<0.005		
12/7/2016						<0.005	0.0007 (J)
2/14/2017	<0.005	<0.005					
2/15/2017			<0.005	<0.005	<0.005	0.00066 (J)	0.00075 (J)
4/12/2017	0.00034 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
6/27/2017	0.00057 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	0.0013
3/27/2018	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
6/6/2018	0.00032 (J)	<0.005	<0.005	<0.005			
6/7/2018					0.00064 (J)	0.00084 (J)	0.0014
10/8/2018	<0.005			<0.005	<0.005	<0.005	
10/9/2018		0.00034 (J)					
10/16/2018			0.00046 (J)				0.0021
2/20/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0034
4/1/2019		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/2/2019	<0.005						
9/16/2019	<0.005		<0.005	<0.005			
9/17/2019		<0.005			<0.005	<0.005	<0.005
2/18/2020	<0.005	<0.005	<0.005				
2/19/2020				<0.005	<0.005	<0.005	<0.005
3/25/2020	<0.005		<0.005				
3/26/2020		<0.005		<0.005			
3/27/2020					<0.005	<0.005	<0.005
9/14/2020	<0.005	<0.005	<0.005	<0.005	<0.005		
9/15/2020						<0.005	<0.005
2/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/31/2021							<0.005
4/1/2021	<0.005	<0.005					
4/6/2021						<0.005	
4/7/2021			<0.005	<0.005	<0.005		
8/18/2021	<0.005	<0.005					
8/19/2021			<0.005		<0.005	<0.005	<0.005
8/20/2021				<0.005			
2/9/2022	<0.005	<0.005					
2/10/2022			<0.005	<0.005			
2/11/2022					<0.005		<0.005
2/14/2022						<0.005	
8/18/2022		<0.005	<0.005	<0.005	<0.005		
8/19/2022	<0.005					<0.005	<0.005
2/22/2023	<0.005	<0.005	<0.005				
2/23/2023				<0.005	<0.005	<0.005	<0.005
8/1/2023	<0.005						
8/2/2023			<0.005		<0.005		
8/7/2023				<0.005			<0.005
8/8/2023		<0.005				<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-11	SGWC-12	SGWC-13	SGWC-14	SGWC-15
2/20/2024	<0.005						
2/21/2024		<0.005					
2/23/2024			<0.005	<0.005	<0.005		
2/26/2024							0.0084
2/27/2024						<0.005	
7/31/2024		<0.005					
8/1/2024	<0.005		<0.005	<0.005	<0.005	<0.005	0.0048 (J)
2/19/2025		<0.005		<0.005	<0.005	<0.005	
2/20/2025	<0.005		<0.005				0.0035 (J)
7/29/2025	<0.005						
7/30/2025		<0.005			<0.005		<0.005
7/31/2025			<0.005	<0.005		<0.005	
Mean	0.004508	0.004834	0.004838	0.004832	0.004676	0.004696	0.004421
Std. Dev.	0.001446	0.0008807	0.000858	0.0008863	0.001189	0.001115	0.00238
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.00057	0.00034	0.00046	0.00031	0.00064	0.00084	0.0034

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-23	PZ-17I
5/12/2016	<0.005	<0.005			0.00396 (J)	<0.005	
5/13/2016			0.023	<0.005			
6/28/2016	<0.005						
6/29/2016		<0.005		<0.005	0.0053 (J)	<0.005	
6/30/2016			0.0263				
8/18/2016	0.00053 (J)	<0.005					
8/19/2016						<0.005	
8/22/2016			0.0066	<0.005	0.0012 (J)		
10/18/2016	<0.005			<0.005	<0.005	<0.005	
10/19/2016		<0.005	0.0057				
12/7/2016	<0.005	<0.005	0.006			<0.005	
12/8/2016				<0.005	<0.005		
2/15/2017		<0.005				<0.005	
2/16/2017	<0.005		0.0055	<0.005	<0.005		
4/13/2017	<0.005	<0.005	0.0049	<0.005	<0.005	<0.005	
6/27/2017	0.001 (J)	0.00024 (J)					
6/28/2017			0.0047	0.00096 (J)	0.00064 (J)	0.00033 (J)	
3/27/2018	<0.005	<0.005				<0.005	
3/28/2018			0.0085	<0.005	<0.005		
6/7/2018	0.0013	0.00064 (J)			0.00066 (J)	<0.005	
6/8/2018			0.014	0.00063 (J)			
10/8/2018	0.0014	0.00028 (J)				0.00026 (J)	
10/9/2018				0.0005 (J)			
10/18/2018			0.017		0.00049 (J)		0.00047 (J)
1/2/2019			0.0034				
2/19/2019						0.00021 (J)	
2/20/2019	0.0012 (J)	<0.005	0.027	<0.005	0.0011 (J)		
4/2/2019	0.0021	<0.005	0.0075	<0.005	<0.005	<0.005	
9/17/2019	<0.005	<0.005	0.0036	<0.005	<0.005		
9/18/2019						<0.005	
2/18/2020					<0.005	<0.005	
2/19/2020	<0.005	<0.005		<0.005			
2/20/2020			0.0024 (J)				
3/23/2020				<0.005	<0.005		
3/24/2020		<0.005				<0.005	
3/26/2020			0.0019 (J)				
3/27/2020	<0.005						
9/15/2020	<0.005	<0.005	0.003 (J)	<0.005	<0.005	<0.005	
2/9/2021	<0.005						
2/10/2021		<0.005	0.0016 (J)	<0.005	<0.005	<0.005	
3/30/2021			<0.005	<0.005	<0.005		
3/31/2021						<0.005	
4/1/2021	<0.005	<0.005					
8/18/2021		<0.005	0.002 (J)			<0.005	
8/19/2021	<0.005			<0.005	<0.005		
2/9/2022							<0.005
2/10/2022	0.00092 (J)		0.0021 (J)			<0.005	
2/11/2022		<0.005		<0.005	<0.005		
8/22/2022				0.00099 (J)	<0.005	<0.005	
8/23/2022			0.00085 (J)				
8/24/2022							<0.005
8/31/2022	0.001 (J)	<0.005					

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-16	SGWC-17	SGWC-18	SGWC-19	SGWC-20	SGWC-23	PZ-17I
2/22/2023		<0.005	<0.005	<0.005	<0.005		
2/23/2023	0.00093 (J)					0.00075 (J)	<0.005
8/1/2023							<0.005
8/7/2023		<0.005	<0.005	<0.005	<0.005		
8/8/2023	<0.005					<0.005	
2/20/2024				<0.005			
2/21/2024						<0.005	
2/26/2024	<0.005	<0.005			0.0041 (J)		<0.005
2/27/2024			0.0053				
8/1/2024	<0.005			<0.005			<0.005
8/2/2024					0.002 (J)	<0.005	
8/5/2024		<0.005	0.0064				
2/19/2025	<0.005	<0.005					
2/20/2025					<0.005		
2/21/2025			0.0031 (J)	<0.005		<0.005	<0.005
7/23/2025	<0.005	<0.005					
7/24/2025				<0.005	<0.005		
7/25/2025			0.005				
7/28/2025						<0.005	
7/29/2025							<0.005
Mean	0.003764	0.004506	0.007064	0.004396	0.004087	0.004341	0.004497
Std. Dev.	0.001845	0.001454	0.007274	0.00151	0.001672	0.001646	0.00151
Upper Lim.	0.005	0.005	0.007117	0.005	0.005	0.005	0.005
Lower Lim.	0.0014	0.00064	0.003232	0.00099	0.0041	0.00075	0.00047

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	PZ-39S	PZ-40I	PZ-41S	PZ-42I	PZ-44I
10/16/2018					0.00046 (J)
10/17/2018	<0.005				
10/18/2018		0.00059 (J)	0.0045	0.00026 (J)	
2/19/2020			0.0053		
2/9/2022	0.0022 (J)		0.0061	<0.005	<0.005
2/10/2022		<0.005			
8/22/2022				<0.005	
8/23/2022	0.0014 (J)	<0.005			
8/24/2022			0.0062		<0.005
2/23/2023			0.0071	<0.005	
2/24/2023	0.0019 (J)	<0.005			
2/28/2023					<0.005
8/1/2023		<0.005			
8/2/2023	0.0014 (J)		0.0069	<0.005	<0.005
2/23/2024					<0.005
2/27/2024	<0.005	<0.005	0.0073	<0.005	
8/1/2024					<0.005
8/5/2024		<0.005		<0.005	
8/6/2024	0.001 (J)		0.0065		
2/20/2025		<0.005		<0.005	
2/21/2025			0.0051		
2/24/2025	0.0015 (J)				<0.005
7/29/2025	<0.005	<0.005	0.0052	<0.005	<0.005
Mean	0.002711	0.00451	0.00602	0.004473	0.004496
Std. Dev.	0.001749	0.00147	0.0009543	0.00158	0.001513
Upper Lim.	0.005	0.005	0.006871	0.005	0.005
Lower Lim.	0.001	0.00059	0.005169	0.00026	0.00046

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
5/11/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/27/2016	<0.001	<0.001	<0.001				
6/28/2016					0.0001 (J)	<0.001	<0.001
6/29/2016				<0.001			
8/17/2016	<0.001	<0.001	<0.001		<0.001	<0.001	
8/18/2016							<0.001
8/22/2016				<0.001			
10/17/2016	<0.001		<0.001		<0.001	<0.001	<0.001
10/18/2016		<0.001		<0.001			
12/6/2016	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
12/7/2016				<0.001			
2/14/2017	<0.001	<0.001	<0.001				
2/15/2017					<0.001	<0.001	<0.001
2/16/2017				<0.001			
4/12/2017	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
4/13/2017				<0.001			
6/27/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2018	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
3/28/2018				<0.001			
6/6/2018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/8/2018	<0.001						<0.001
10/9/2018		<0.001	<0.001	<0.001	<0.001		
10/16/2018						<0.001	
2/20/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2019		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/2/2019	<0.001						
9/16/2019	<0.001			<0.001		<0.001	<0.001
9/17/2019		<0.001	0.00023 (J)		<0.001		
2/18/2020	0.00028 (J)	0.00022 (J)	0.0002 (J)			0.00016 (J)	
2/19/2020				0.00027 (J)	0.00075 (J)		0.00034 (J)
3/25/2020	0.00049 (J)		0.00079 (J)	<0.001	<0.001	<0.001	
3/26/2020		<0.001					<0.001
9/14/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00023 (J)
2/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/31/2021				<0.001	<0.001		
4/1/2021	0.00023 (J)	0.00042 (J)	0.00021 (J)				
4/7/2021						<0.001	<0.001
8/18/2021	0.00017 (J)	<0.001	<0.001				
8/19/2021				0.0004 (J)	0.00024 (J)	0.00015 (J)	
8/20/2021							<0.001
2/9/2022	<0.001	<0.001					
2/10/2022			<0.001	<0.001		<0.001	<0.001
2/11/2022					<0.001		
8/18/2022		<0.001	<0.001	<0.001		<0.001	<0.001
8/19/2022	<0.001				<0.001		
2/22/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/23/2023							<0.001
8/1/2023	<0.001						
8/2/2023						<0.001	
8/7/2023				<0.001	<0.001		<0.001
8/8/2023		<0.001	<0.001				
2/20/2024	<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-6	SGWC-7	SGWC-8	SGWC-9	SGWC-10	SGWC-11	SGWC-12
2/21/2024		<0.001	<0.001	<0.001			
2/23/2024					<0.001	<0.001	<0.001
7/31/2024		<0.001					
8/1/2024	<0.001		<0.001	<0.001		<0.001	<0.001
8/5/2024					<0.001		
2/19/2025		<0.001	<0.001	<0.001	<0.001		<0.001
2/20/2025	<0.001					<0.001	
7/29/2025	<0.001						
7/30/2025		<0.001	<0.001	<0.001	<0.001		
7/31/2025						<0.001	<0.001
Mean	0.0008989	0.0009514	0.0009082	0.0009525	0.0009318	0.0009396	0.0009489
Std. Dev.	0.0002563	0.0001804	0.0002483	0.0001753	0.0002211	0.0002216	0.0001881
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.00049	0.00042	0.00079	0.0004	0.00075	0.00016	0.00034

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-20
5/12/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
5/13/2016						<0.001	
6/28/2016	<0.001	<0.001	9E-05 (J)	<0.001			
6/29/2016					<0.001		0.0002 (J)
6/30/2016						0.0002 (J)	
8/18/2016	<0.001	<0.001	<0.001	<0.001	<0.001		
8/22/2016						0.00015 (J)	0.00018 (J)
10/17/2016	<0.001	<0.001					
10/18/2016			<0.001	<0.001			0.00016 (J)
10/19/2016					<0.001	0.00012 (J)	
12/6/2016	<0.001						
12/7/2016		<0.001	<0.001	<0.001	<0.001	9.5E-05 (J)	
12/8/2016							0.0001 (J)
2/15/2017	<0.001	<0.001	8.5E-05 (J)		<0.001		
2/16/2017				<0.001		0.00013 (J)	0.00014 (J)
4/12/2017	<0.001	<0.001	9.5E-05 (J)				
4/13/2017				<0.001	<0.001	0.00012 (J)	0.00021 (J)
6/27/2017	<0.001	<0.001	0.0001 (J)	<0.001	<0.001		
6/28/2017						0.00013 (J)	0.00018 (J)
3/27/2018	<0.001	<0.001	<0.001	<0.001	<0.001		
3/28/2018						0.00011 (J)	9E-05 (J)
6/7/2018	<0.001	<0.001	<0.001	<0.001	<0.001		0.00014 (J)
6/8/2018						0.00019 (J)	
10/8/2018	<0.001	<0.001		<0.001	<0.001		
10/16/2018			0.0001 (J)				
10/18/2018						0.00019 (J)	0.00018 (J)
1/2/2019						<0.001	
2/20/2019	<0.001	<0.001	9.8E-05 (J)	<0.001	<0.001	0.00021 (J)	0.00018 (J)
4/1/2019	<0.001	<0.001	9.5E-05 (J)				
4/2/2019				<0.001	<0.001	0.00016 (J)	0.00017 (J)
9/17/2019	<0.001	<0.001	0.00016 (J)	<0.001	<0.001	0.00025 (J)	0.00021 (J)
2/18/2020							0.00033 (J)
2/19/2020	0.00022 (J)	0.00018 (J)	0.00031 (J)	<0.001	<0.001		
2/20/2020						0.00066 (J)	
3/23/2020							0.00016 (J)
3/24/2020					<0.001		
3/26/2020						0.00029 (J)	
3/27/2020	<0.001	0.0011	0.00045 (J)	<0.001			
9/14/2020	<0.001						
9/15/2020		0.00035 (J)	0.00027 (J)	<0.001	<0.001	0.00027 (J)	0.00028 (J)
2/9/2021	<0.001	<0.001	<0.001	<0.001			
2/10/2021					0.00024 (J)	0.00068 (J)	0.00025 (J)
3/30/2021						0.00024 (J)	0.00018 (J)
3/31/2021			<0.001				
4/1/2021				<0.001	<0.001		
4/6/2021		0.00017 (J)					
4/7/2021	<0.001						
8/18/2021					<0.001	0.00022 (J)	
8/19/2021	<0.001	<0.001	<0.001	<0.001			0.00018 (J)
2/10/2022				<0.001		<0.001	
2/11/2022	<0.001		<0.001		<0.001		<0.001
2/14/2022		<0.001					

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-13	SGWC-14	SGWC-15	SGWC-16	SGWC-17	SGWC-18	SGWC-20
8/18/2022	<0.001						
8/19/2022		<0.001	<0.001				
8/22/2022							<0.001
8/23/2022						<0.001	
8/31/2022				<0.001	<0.001		
2/22/2023					<0.001	<0.001	<0.001
2/23/2023	<0.001	<0.001	<0.001	<0.001			
8/2/2023	<0.001						
8/7/2023			<0.001		<0.001	<0.001	<0.001
8/8/2023		<0.001		<0.001			
2/23/2024	<0.001						
2/26/2024			<0.001	<0.001	<0.001		<0.001
2/27/2024		<0.001				<0.001	
8/1/2024	<0.001	<0.001	<0.001	<0.001			
8/2/2024							<0.001
8/5/2024					<0.001	<0.001	
2/19/2025	<0.001	<0.001		<0.001	<0.001		
2/20/2025			<0.001				<0.001
2/21/2025						<0.001	
7/23/2025				0.00064 (J)	<0.001		
7/24/2025							<0.001
7/25/2025						<0.001	
7/30/2025	<0.001		<0.001				
7/31/2025		<0.001					
Mean	0.0009721	0.0009214	0.0006733	0.0009871	0.0009729	0.0004971	0.0004471
Std. Dev.	0.0001474	0.000245	0.0004201	6.803E-05	0.0001436	0.000394	0.0003902
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001	0.00033
Lower Lim.	0.00022	0.00035	0.00016	0.00064	0.00024	0.00016	0.00017

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 11/17/2025 10:11 AM View: Confidence Intervals

Plant Scherer Client: Southern Company Data: Scherer AP

	SGWC-22	SGWC-23	PZ-41S
5/12/2016	<0.001	<0.001	
6/29/2016	<0.001	<0.001	
8/19/2016	<0.001	<0.001	
10/18/2016	<0.001	<0.001	
12/7/2016	<0.001	<0.001	
2/15/2017		<0.001	
2/16/2017	<0.001		
4/13/2017	<0.001	<0.001	
6/28/2017	<0.001	<0.001	
3/27/2018		<0.001	
3/28/2018	<0.001		
6/7/2018	<0.001	<0.001	
10/8/2018	<0.001	<0.001	
10/18/2018			<0.001
2/19/2019	<0.001	<0.001	
4/2/2019	<0.001	<0.001	
9/18/2019	<0.001	<0.001	
2/18/2020	<0.001	<0.001	
2/19/2020			0.00034 (J)
3/24/2020	<0.001	<0.001	
9/15/2020	0.00038 (J)	0.00016 (J)	
2/10/2021	<0.001	<0.001	
3/31/2021	<0.001	<0.001	
8/18/2021	<0.001	<0.001	
2/9/2022			<0.001
2/10/2022	<0.001	<0.001	
8/22/2022	<0.001	<0.001	
8/24/2022			<0.001
2/23/2023	<0.001	<0.001	<0.001
8/2/2023			<0.001
8/7/2023	<0.001		
8/8/2023		<0.001	
2/21/2024	<0.001	<0.001	
2/27/2024			<0.001
8/2/2024	<0.001	<0.001	
8/6/2024			<0.001
2/20/2025	<0.001		
2/21/2025		<0.001	<0.001
7/28/2025	<0.001	<0.001	
7/29/2025			<0.001
Mean	0.0009779	0.00097	0.000934
Std. Dev.	0.0001172	0.0001587	0.0002087
Upper Lim.	0.001	0.001	0.001
Lower Lim.	0.00038	0.00016	0.001

ND substitution: RL or RL/2 if <15% NDs.

FIGURE J.

Appendix IV Trend Tests - Confidence Interval Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/24/2025, 10:39 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	**SGWC-11**	**-0.001963**	**-257**	**-101**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWC-18**	**-0.007318**	**-184**	**-106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWC-20**	**-0.01588**	**-234**	**-101**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.05**	**NP**

Appendix IV Trend Tests - Confidence Interval Exceedances - All Results

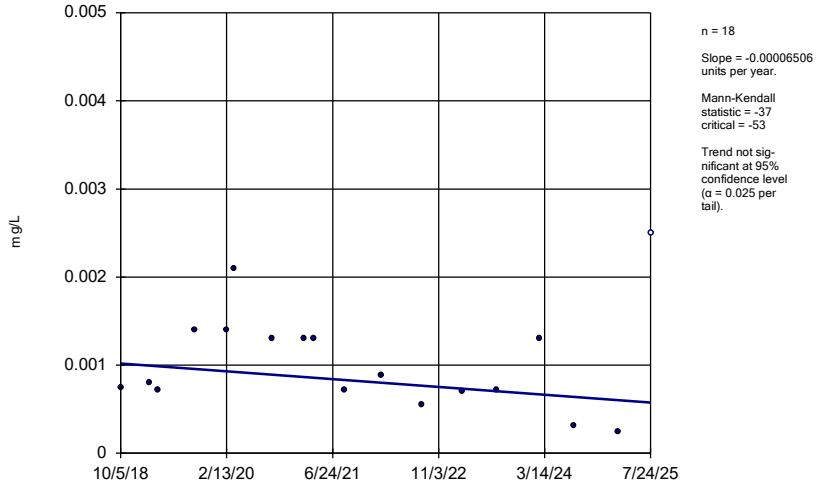
Plant Scherer Client: Southern Company Data: Scherer AP Printed 9/24/2025, 10:39 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	SGWA-1 (bg)	-0.00006506	-37	-53	No	18	5.556	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWA-2 (bg)	0	15	101	No	28	92.86	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWA-3 (bg)	0	23	101	No	28	96.43	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWA-4 (bg)	0	19	101	No	28	92.86	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWA-5 (bg)	0	0	101	No	28	100	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWA-24 (bg)	0	25	101	No	28	71.43	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWA-25 (bg)	0	6	30	No	12	41.67	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWC-10	0	-9	-101	No	28	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	**SGWC-11**	**-0.001963**	**-257**	**-101**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	SGWC-14	-0.0001711	-14	-101	No	28	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	SGWC-15	-0.002035	-73	-101	No	28	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	**SGWC-18**	**-0.007318**	**-184**	**-106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**SGWC-20**	**-0.01588**	**-234**	**-101**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.05**	**NP**

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-1 (bg)



n = 18

Slope = -0.00006506 units per year.

Mann-Kendall statistic = -37
critical = -53

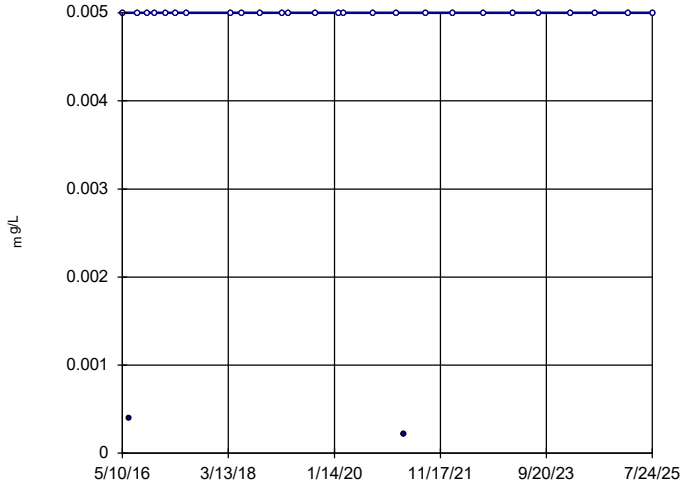
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 9/24/2025 10:38 AM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-2 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = 15
critical = 101

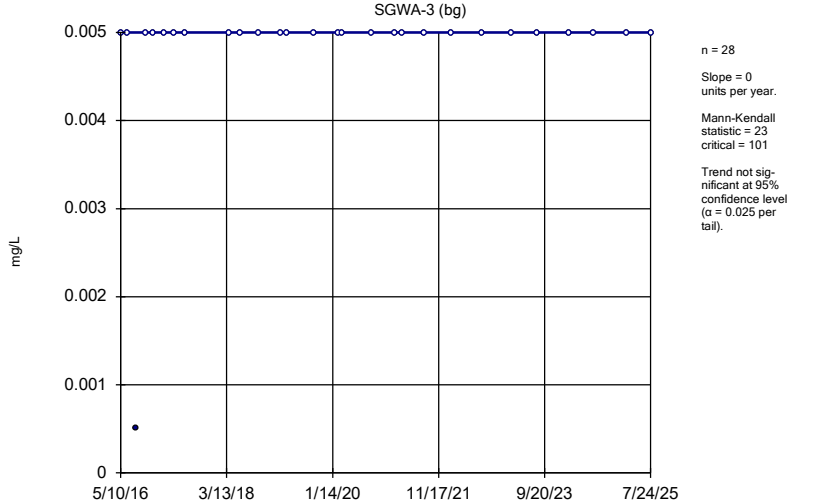
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 9/24/2025 10:38 AM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-3 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = 23
critical = 101

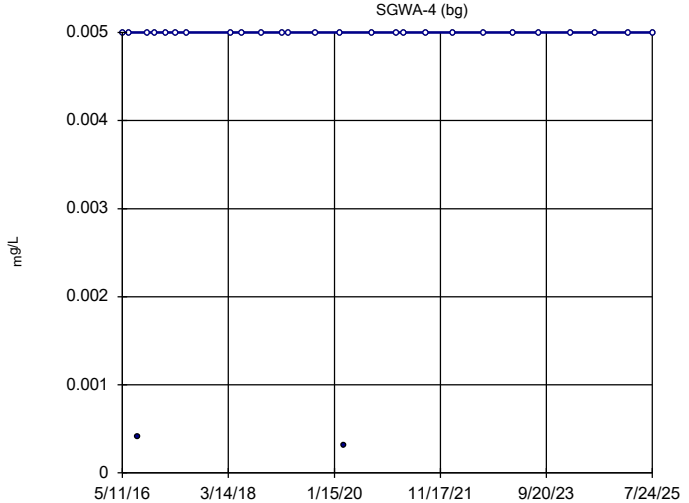
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 9/24/2025 10:38 AM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-4 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = 19
critical = 101

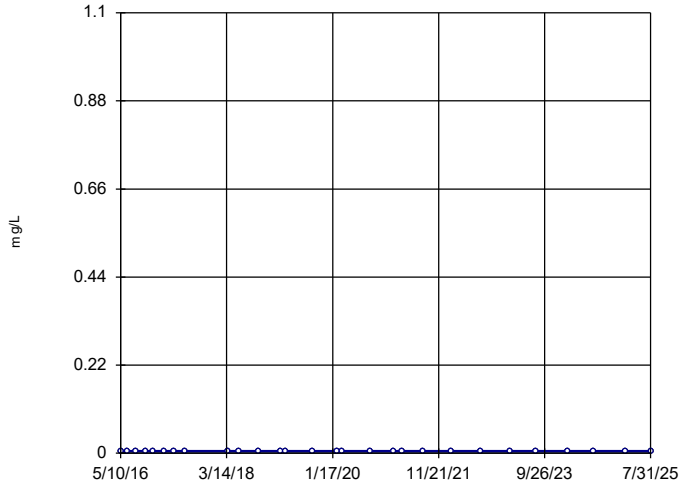
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 9/24/2025 10:38 AM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-5 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 101

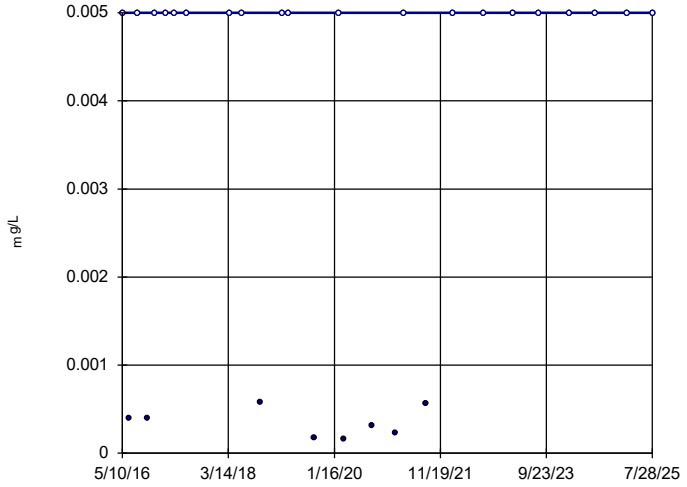
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 9/24/2025 10:38 AM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-24 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = 25 critical = 101

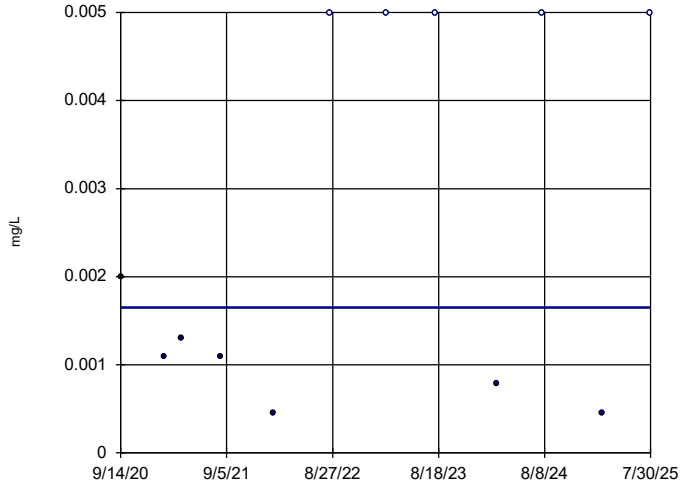
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 9/24/2025 10:38 AM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

SGWA-25 (bg)



n = 12

Slope = 0 units per year.

Mann-Kendall statistic = 6 critical = 30

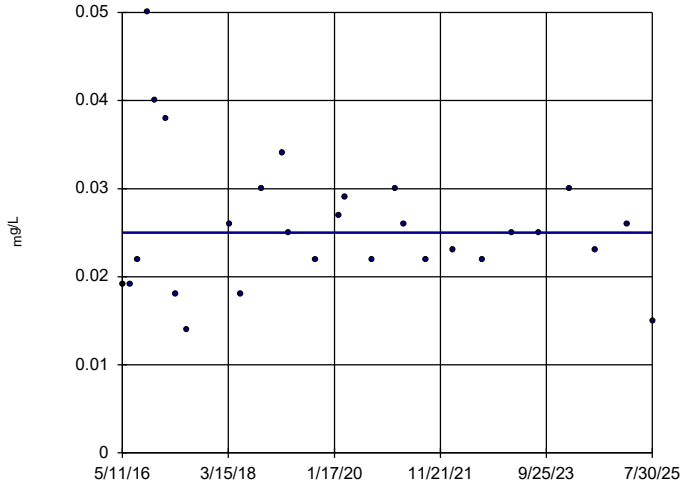
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 9/24/2025 10:38 AM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-10



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = -9 critical = -101

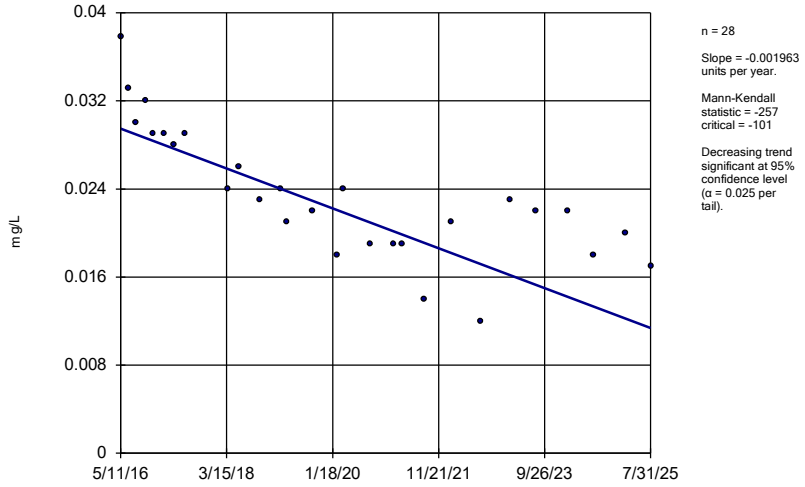
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 9/24/2025 10:38 AM View: Appendix IV Trend Tests
Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-11



n = 28

Slope = -0.001963 units per year.

Mann-Kendall statistic = -257 critical = -101

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

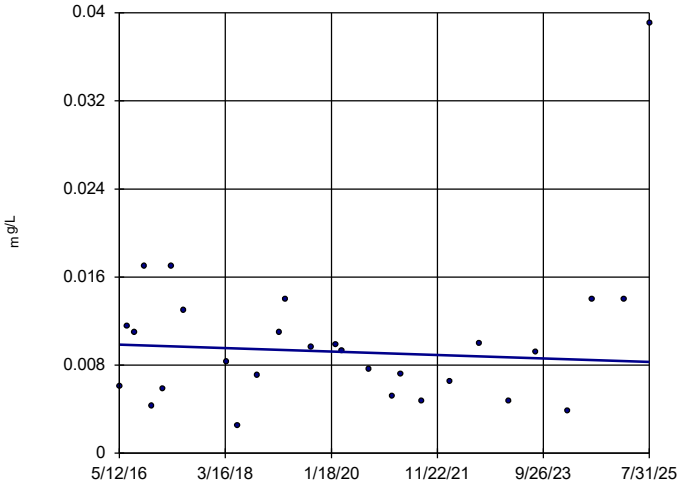
Constituent: Cobalt Analysis Run 9/24/2025 10:38 AM View: Appendix IV Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-14



n = 28

Slope = -0.0001711 units per year.

Mann-Kendall statistic = -14 critical = -101

Trend not significant at 95% confidence level (α = 0.025 per tail).

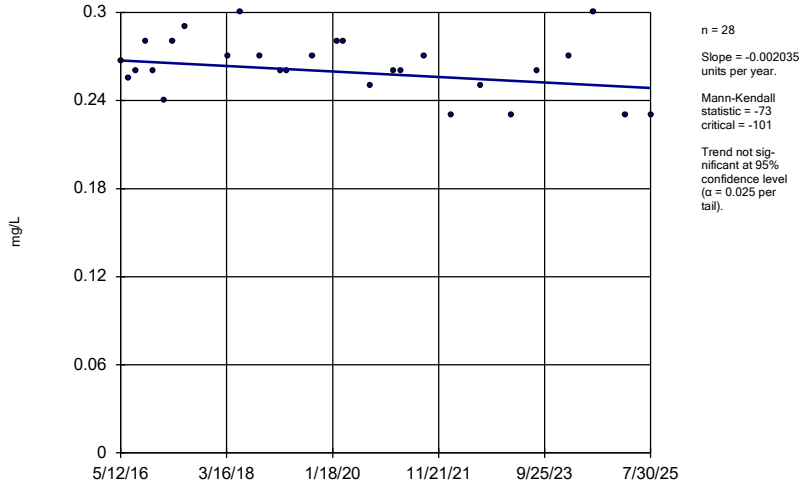
Constituent: Cobalt Analysis Run 9/24/2025 10:38 AM View: Appendix IV Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

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Sen's Slope Estimator

SGWC-15



n = 28

Slope = -0.002035 units per year.

Mann-Kendall statistic = -73 critical = -101

Trend not significant at 95% confidence level (α = 0.025 per tail).

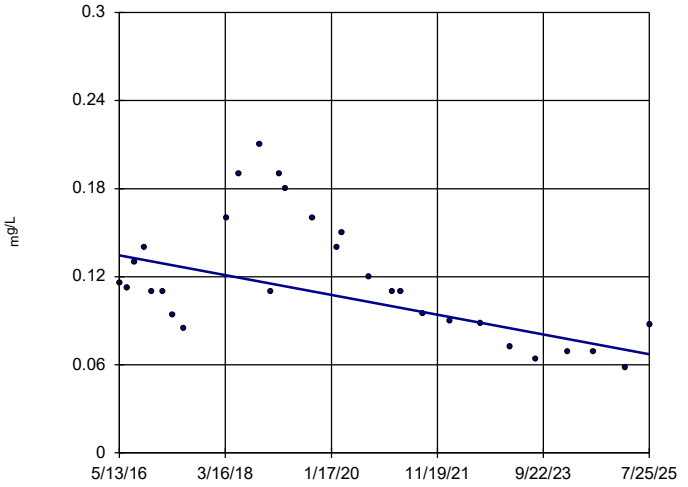
Constituent: Cobalt Analysis Run 9/24/2025 10:38 AM View: Appendix IV Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

SGWC-18



n = 29

Slope = -0.007318 units per year.

Mann-Kendall statistic = -184 critical = -106

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

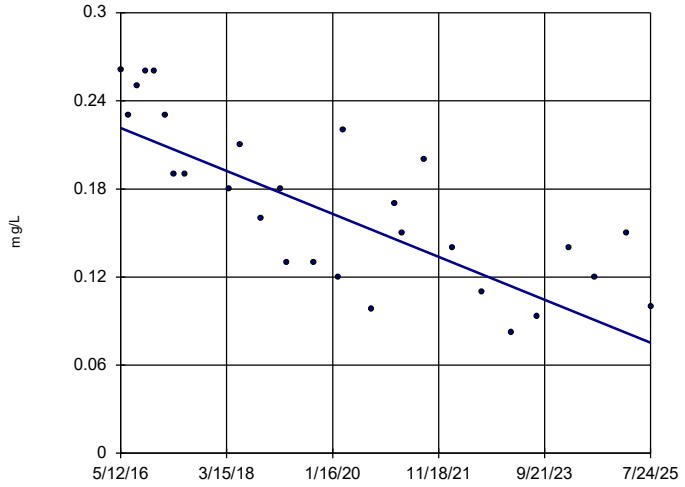
Constituent: Cobalt Analysis Run 9/24/2025 10:38 AM View: Appendix IV Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

SGWC-20



n = 28

Slope = -0.01588 units per year.

Mann-Kendall statistic = -234
critical = -101

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 9/24/2025 10:38 AM View: Appendix IV Trend Tests

Plant Scherer Client: Southern Company Data: Scherer AP

APPENDIX F

Well Installation Reports

APPENDIX F

Piezometer (PZ-70 and PZ-71) Installation Report

August 20, 2025 Project No. US-WSP-31406440.018

Mr. Joju Abraham, PG
Southern Company Services, Inc.
241 Ralph McGill Blvd NE
Atlanta, Georgia 30308

PIEZOMETER (PZ-70 AND PZ-71) INSTALLATION REPORT
GEORGIA POWER COMPANY – PLANT SCHERER ASH POND 1 (AP-1), MONROE COUNTY, GEORGIA

Dear Mr. Abraham,

WSP USA, Inc. (WSP) is submitting this *Piezometer (PZ-70 and PZ-71) Installation Report* to Southern Company Services, Inc. (SCS) and Georgia Power Company (Georgia Power), which documents the construction of two piezometers at Ash Pond 1 (AP-1) at Plant Scherer in Monroe County, Georgia (Site). Well drilling and construction activities were performed in general accordance the most current version of the Region 4 U.S. Environmental Protection Agency (US EPA) Science and Ecosystem Support Division (SESD) *Operating Procedure SESDGUID-101-R2* (US EPA 2018) as a general guide for best practices and the *Georgia Water Wells Standards Act of 1985*. The installation of the piezometer conducted under the oversight and direction of a Georgia-registered Professional Geologist (PG).

The field activities for this investigation were performed June 3 through 26, 2025. Piezometer (PZ-70 and PZ-71) installation took place June 3 through 5, 2025. Piezometer development took place on June 10, 2025. Thompson Engineering, Inc. (Thompson) conducted a survey of the completed piezometers on June 26, 2025. Details of the piezometer installation activities are presented below. Figure 1, Site Plan and Piezometer Location Map, presents the location of the newly installed piezometers.

Piezometer Drilling and Construction Activities

Piezometers PZ-70 and PZ-71 were drilled and installed by Cascade Drilling, LP, under contract to SCS, at the facility in June 2025. Cascade had a current and valid bond with the Water Wells Standards Advisory Council for the state of Georgia at the time of drilling (Attachment A). The driller's name is provided on the boring/construction diagrams presented in Attachment B.

A professional geologist registered to practice in Georgia (Ms. Rhonda Quinn) oversaw the field geologist conducting the drilling and piezometer construction. Drilling methods employed for borehole advancement were rotosonic drilling techniques. The drilling equipment consisted of a TSI 150CC track-mounted Sonic drilling rig, equipped with 4-inch outer diameter sonic rods with an outer-casing sleeve. During the drilling, continuous core samples were logged in the field for lithologic and geotechnical properties.

Prior to use, downhole equipment was steam cleaned. The boring (lithologic) logs and piezometer construction records for the newly installed piezometers are included in Attachment B. The construction data are summarized in Table 1, and the locations of the piezometer are provided on Figure 1.

Each piezometer was constructed within the borehole using factory-cleaned and sealed Schedule 40 polyvinyl chloride (PVC) products with flush-threaded fittings. Specifically, each piezometer was constructed with a 10-foot section of 4-inch outer diameter (OD) and 2-inch inner diameter (ID), flush-threaded, 0.010-inch factory-slotted PVC, U-Pack screen. The drillers filled the annulus of the U-Pack screen section with GP-1 filter sand. The screen was placed at the bottom of the borehole, with the remainder of the piezometer constructed from 10-foot sections of 2-inch ID, flush-threaded, PVC casing riser. A flush-threaded PVC end cap was placed on the bottom of the piezometer to provide a sump/sediment trap, and the top of the piezometer to extend to approximately 3 feet above grade. Construction details for the piezometer are shown on the boring/construction logs in Attachment B. The PVC products used were American Society for Testing and Materials (ASTM) and National Sanitation Foundation (NSF) rated.

Following placement of the screen and casing, the annular space in the boreholes adjacent to the screen were filled with US Standard Sieve size No. 1 filter pack sand as appropriate for the formation. The filter pack sand was placed into the boreholes and extended a minimum of 2 feet above the depth of the top of the screen. Immediately following placement of the filter pack, the piezometers were pumped using a portable submersible pump until visibly clear water was discharged. A filter pack seal, composed of approximately 3 feet of 3/8” coated bentonite pellets, was then placed on top of the filter pack by slowly pouring the material down the borehole and tamping it into place. The bentonite was hydrated using water from the borehole and allowed to cure for approximately two hours prior to grouting the piezometer.

Following hydration of the bentonite, the remaining annular space was grouted with an AquaGuard® bentonite grout mixture to approximately 3 feet below ground surface using a tremie method. Based on information provided by the product manufacturer, AquaGuard® is a bentonite grout consisting of bentonite and additives that allow for a mixture of 30% solids by weight to facilitate grouting via tremie pipe, with additives that slow the bentonite curing so that proper placement can be achieved. The piezometer surface completion consists of a locking, anodized aluminum post-type protective casing and a 4-foot by 4-foot by 4-inch concrete pad with an engraved tag showing the piezometer name. The annular space of the protective casing was filled with pea gravel to approximately 2 inches from top of PVC. A weep hole was drilled into the lower side of the protective casing.

Piezometer Development Activities

The newly installed piezometers were developed on June 10, 2025, in general accordance with the *Groundwater Monitoring Plan* (September 2024), and the *US EPA Science and Ecosystem Support Division Design and Installation of Monitoring Wells* (January 2018). The piezometers were surged using a Reclaimer pump system. During development, water quality measurements of pH, temperature, specific conductance, oxidation reduction potential (ORP), dissolved oxygen (DO), and turbidity were measured and recorded using field-calibrated water quality equipment. Development activities were conducted utilizing an In-Situ AquaTroll® multimeter and a Hach 2100Q turbidimeter for monitoring water quality measurements. Equipment calibration forms and development forms for the June 10 development are included in Attachment C with development details summarized in Table 2. As presented on Table 2, during development approximately 30-gallons water were removed from each piezometer, PZ-70 and PZ-71. During development, a turbidity value below 10 nephelometric turbidity units

(NTUs) was achieved for PZ-70. While a turbidity value below 10 NTU was not achieved during the June 10 development of PZ-71, the entire water column for PZ-71 was evacuated three times during development and was allowed approximately 30 minutes after each evacuation for recharge. Additional purging for groundwater sampling was conducted on July 29, 2025 and a turbidity of 3.84 NTU was achieved. The July 29, 2025 purge forms are included in Attachment C. Water level measurements were collected using a decontaminated electronic water level indicator, referenced to a permanent marking at the top of the casing and recorded to within 0.01 foot.

Piezometer Survey

The newly installed piezometers were surveyed on June 26, 2025, by Thompson Engineering. The survey was completed using a Trimble R12 RTK GPS and Trimble Dini digital level with closures meeting First Order, Class I level classification. The top of the PVC casing, top of survey nail, and ground surface adjacent to the well pad were surveyed to 0.5 foot horizontal and 0.01-foot vertical tolerances. A point was marked on top of the PVC to use for reference during future measurements.

Surveyed coordinates and elevations are presented on the boring/construction diagrams and on Table 1. The certified surveyor's report is provided in Attachment D.

Closing

We appreciate the opportunity to assist SCS and Georgia Power with this project. Should you have any questions or require additional information, please contact the undersigned at (770) 496-1893.

Sincerely,

WSP USA Inc.

Dawn L. Prell
Technical Principal, Hydrogeologist

I certify that I am a qualified ground-water scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this report was prepared by myself or by a subordinate working under my direction. We certify that the information included is to the best of our knowledge and belief, true, accurate and complete. In preparing this report, we have relied on information provided by Southern Company Services and Georgia Power.



Rhonda N. Quinn, P.G.
Senior Geologist
Georgia Registered Professional Geologist No. 1031

bs/dlp/km

CC: File
Mr. Ben Hodges, Georgia Power Company

Attachments:
Figure 1: Site Plan and Piezometer Location Map
Table 1: Summary of Piezometer Construction Details
Table 2: Summary of Piezometer Development
Attachment A: Cascade Drilling Bond
Attachment B: Record of Borehole / Piezometer Construction Diagrams
Attachment C: Development and Calibration Records
Attachment D: Certified Well Survey

Figures and Tables



LEGEND

- SCHERER ASH POND-CCR MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- PIEZOMETER
- ASSESSMENT MONITORING WELL
- TEMPORARY WELL LOCATION
- STREAM
- EXISTING TOPOGRAPHY

NOTE(S)
1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.
2. PIEZOMETERS PZ-70 AND PZ-71 WERE INSTALLED IN JUNE 2025.

REFERENCE(S)
1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS SURVEYED BY JORDAN ENGINEERING, INC.
3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 03/2025.
4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.

0 150 300 600 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

PROJECT
PIEZOMETER (PZ-70 AND PZ-71) INSTALLATION REPORT

TITLE
SITE PLAN AND PIEZOMETER LOCATION MAP

CONSULTANT
wsp

YYYY-MM-DD	2025-08-05
DESIGNED	AR
PREPARED	AR
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.018

FIGURE
1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

TABLE 1
SUMMARY OF PIEZOMETER CONSTRUCTION DETAILS
Georgia Power Company - Plant Scherer Ash Pond 1
Monroe County, GA

Borehole ID	Latitude	Longitude	NAD 83 Northing	NAD 83 Easting	Top of PVC Casing Elevation (feet NAVD88)	Ground Surface Elevation (feet NAVD88)	Ground Surface Elevation at Concrete Pad (feet NAVD88)[1]	Total Depth (feet bgs)	Depth to Bedrock (feet bgs)	Screened Interval (feet bgs)	Top of Screen Elevation (feet NAVD88)	Bottom of Screen Elevation (feet NAVD88)	Lithology Screened	Casing Material	Casing Diameter (inch)	Date Installed
PZ-70	33.08129700	-83.80838100	1120974.87	2406323.71	476.298	472.41	473.36	69.06	53.3	59.06 - 69.06	413.35	403.35	Bedrock	Schedule 40 PVC	2	6/5/2025
PZ-71	33.08120800	-83.80815000	1120942.87	2406394.55	479.801	475.56	476.06	35.20	N/A	25.20 - 35.20	450.36	440.36	Saprolite	Schedule 40 PVC	2	6/5/2025

Notes:

1. Ground surface at concrete pad measured at the survey nail in the concrete pad.
2. Survey performed by Thompson Engineering on June 26, 2025.
3. Well screen elevations are calculated by subtracting the depths to top and bottom of the well screen from the ground surface elevation.
4. Total well depth accounts for sump if data provided on well construction logs.

NAD 83 - North American Datum 1983
NAVD88 - North American Vertical Datum 1988
bgs - Below ground surface
bTOC - Below Top of Casing
N/A - not applicable
ID - Identification
PVC - polyvinyl choride

TABLE 2
SUMMARY OF PIEZOMETER DEVELOPMENT
Georgia Power Company - Plant Scherer Ash Pond 1
Monroe County, GA

Piezometer ID	Date Started	Time Started (hr:min)	Date Completed	Elapsed Time (hr:min)	Development Method	Measured Total Depth of Well (feet bTOC)	Initial Water level (feet bTOC)	Final Water Level (feet bTOC)	Volume of Casing (gal)	Total Volume Removed (gal)	pH (SU)	Specific Conductance (uS/cm)	Temperature (°C)	Turbidity (NTU)	ORP (mV)	DO (mg/L)
PZ-70	6/10/2025	9:05	6/10/2025	1:00	Reclaimer Pump	72.06	9.75	28.20	10.2	30	6.43	394.40	17.06	3.3	-192.6	1.19
PZ-71	6/10/2025	9:45	6/10/2025	2:23	Reclaimer Pump	38.12	14.65	35.72	3.8	30	6.73	559.44	18.68	276	85.6	11.51

Notes:
hr:min - hours:minutes
bTOC - feet below Top of Casing
gal - gallons
SU - Standard Units
uS/cm - microSiemens per centimeter
°C - degrees Celcius
NTU - nephelometric turbidity units
mV - millivolts
mg/L - milligrams per liter
ORP - oxygen reduction potential
DO - dissolved oxygen
ID - Identification

ATTACHMENT A

Cascade Drilling Bond

CONTINUATION CERTIFICATE

Atlantic Specialty Insurance Company , Surety upon

a certain Bond No. 800033976

dated effective September 27, 2017
(MONTH-DAY-YEAR)

on behalf of Ricky Davis / Cascade Drilling, L.P.
(PRINCIPAL)

and in favor of Department of Natural Resources, State of Georgia
(OBLIGEE)

does hereby continue said bond in force for the further period

beginning on June 30, 2023
(MONTH-DAY-YEAR)

and ending on June 30, 2025
(MONTH-DAY-YEAR)

Amount of bond Thirty Thousand and 00/100 Dollars ($30,000.00)

Description of bond Performance Bond for Water Well Contractors

Premium:

PROVIDED: That this continuation certificate does not create a new obligation and is executed upon the express condition and provision that the Surety's liability under said bond and this and all Continuation Certificates issued in connection therewith shall not be cumulative and that the said Surety's aggregate liability under said bond and this and all such Continuation Certificates on account of all defaults committed during the period (regardless of the number of years) said bond had been and shall be in force, shall not in any event exceed the amount of said bond as hereinbefore set forth.

Signed and dated on April 13, 2023
(MONTH-DAY-YEAR)

Atlantic Specialty Insurance Company

By _____
ATTORNEY-IN-FACT Carlos A. Albelo

intact INSURANCE

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS, that ATLANTIC SPECIALTY INSURANCE COMPANY, a New York corporation with its principal office in Plymouth, Minnesota, does hereby constitute and appoint: **Megan Sivley, Melissa Haddick, Sandra Parker, Orlando Aguirre, Stacy Killebrew, Carlos A. Albelo**, each individually if there be more than one named, its true and lawful Attorney-in-Fact, to make, execute, seal and deliver, for and on its behalf as surety, any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof; provided that no bond or undertaking executed under this authority shall exceed in amount the sum of: **unlimited** and the execution of such bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof in pursuance of these presents, shall be as binding upon said Company as if they had been fully signed by an authorized officer of the Company and sealed with the Company seal. This Power of Attorney is made and executed by authority of the following resolutions adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the President, any Senior Vice President or Vice-President (each an "Authorized Officer") may execute for and in behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and affix the seal of the Company thereto; and that the Authorized Officer may appoint and authorize an Attorney-in-Fact to execute on behalf of the Company any and all such instruments and to affix the Company seal thereto; and that the Authorized Officer may at any time remove any such Attorney-in-Fact and revoke all power and authority given to any such Attorney-in-Fact.

Resolved: That the Attorney-in-Fact may be given full power and authority to execute for and in the name and on behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and any such instrument executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed and sealed by an Authorized Officer and, further, the Attorney-in-Fact is hereby authorized to verify any affidavit required to be attached to bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof.

This power of attorney is signed and sealed by facsimile under the authority of the following Resolution adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the signature of an Authorized Officer, the signature of the Secretary or the Assistant Secretary, and the Company seal may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing an Attorney-in-Fact for purposes only of executing and sealing any bond, undertaking, recognizance or other written obligation in the nature thereof, and any such signature and seal where so used, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

IN WITNESS WHEREOF, ATLANTIC SPECIALTY INSURANCE COMPANY has caused these presents to be signed by an Authorized Officer and the seal of the Company to be affixed this first day of January, 2023.

ATLANTIC SPECIALTY INSURANCE COMPANY CORPORATE SEAL 1986 NEW YORK

By _____
Sarah A. Kolar, General Counsel

STATE OF MINNESOTA
HENNEPIN COUNTY

On this first day of January, 2023, before me personally came Sarah A. Kolar, General Counsel of ATLANTIC SPECIALTY INSURANCE COMPANY, to me personally known to be the individual and officer described in and who executed the preceding instrument, and she acknowledged the execution of the same, and being by me duly sworn, that she is the said officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the seal of said Company and that the said seal and the signature as such officer was duly affixed and subscribed to the said instrument by the authority and at the direction of the Company.

ALISON DWAN NASH-TROUT
NOTARY PUBLIC - MINNESOTA
My Commission Expires
January 31, 2026

_____
Notary Public

I, the undersigned, Secretary of ATLANTIC SPECIALTY INSURANCE COMPANY, a New York Corporation, do hereby certify that the foregoing power of attorney is in full force and has not been revoked, and the resolutions set forth above are now in force.

Signed and sealed. Dated 13th day of April, 2023.

ATLANTIC SPECIALTY INSURANCE COMPANY CORPORATE SEAL 1986 NEW YORK

This Power of Attorney expires
January 31, 2025

_____
Kara Barrow, Secretary

Please direct bond verifications to surety@intactinsurance.com

ATTACHMENT B

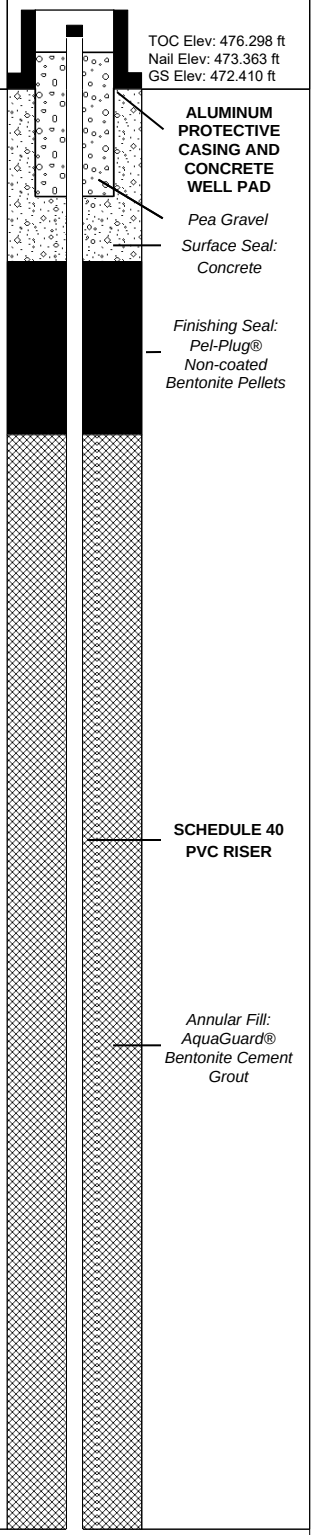
Record of Borehole / Piezometer Construction Diagrams

RECORD OF BOREHOLE: PZ-70

CLIENT:	Southern Company	START DATE:	June 02, 2025	ELEVATION:	472.410 ft (Ground)
PROJECT:	Plant Scherer Well Installation	END DATE:	June 05, 2025	COORDINATES:	N: 1120974.872 ft E: 2406323.714 ft
PROJECT NO:	31406440.018			COORD SYS:	SP GA West FIPS 1002 ft
LOCATION:	Juliette, GA	CONTRACTOR:	Cascade Environmental, LLC	HORZ DATUM:	NAD83 VERT DATUM: NAVD88 (ft)

DEPTH (ft)	DRILL RIG	DRILL METHOD	MATERIAL PROFILE: DESCRIPTION	USCS	STRATA PLOT	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	REC %	CONSTRUCTION AND INSTALLATION DETAILS	GROUNDWATER OBSERVATIONS
0	Terra Sonic	Rotosonic	(CL) silty CLAY; reddish orange; residuum; moist; stiff (overburden)	CL		0.0	0' - 10'	Rotosonic	19	**WELL COMPLETION** Pad Dimensions: 4' x 4' x 4" Total Bollards: 4 Protective Casing Length: 5' Protective Casing Fill: Pea Gravel **WELL CASING** Interval: 0' - 59.06' Material: Schedule 40 PVC Diameter: 2" Joint Type: Flush-threaded **WELL SCREEN WITH END CAP** Interval: 59.06' - 69.06' Type: PVC U-Pack® Screen Material: Schedule 40 PVC Screen-Packed Material: #1 Silica Sand Diameter: 3" OD x 2" ID Slot Width: 0.010" Joint Type: Flush-threaded **SURFACE SEAL** Interval: 0' - 3' Type: 4,000 psi Concrete **FINISHING SEAL** Interval: 3' - 6' Type: Pel-Plug® Non-coated Bentonite Pellets Pellet Size: 3/8" Hydration Period: 2-hr minimum **ANNULAR FILL** Interval: 6' - 52.3' Type: AquaGuard® Bentonite Cement Grout **ANNULAR SEAL** Interval: 52.3' - 55.8' Type: Halliburton HOLEPLUG® Coarse Grade Wyoming Sodium Bentonite Chips Chip Size: 3/8" Hydration Period: 2-hr minimum **FILTER PACK** Interval: 55.8' - 69.06' Type: Southern Products & Silica Co. #1 Silica Sand	05Jun25 12:36 ▽ 8.46'
9			9.00 ft: Residuum; saturated			463.4 9.0					
13			(SM) silty SAND; mottled reddish yellow; intact foliation; saprolite; moist; stiff	SM		459.4 13.0	10' - 20'	Rotosonic	84		
20							20' - 30'	Rotosonic	100		
25											

WELL DIAGRAM



Continued on Next Page

REV: 1

LOGGED BY: A. Sanders, PG

CHECKED BY: K. Minkara, PG

DATE: July 15, 2025

RECORD OF BOREHOLE: PZ-70

CLIENT:	Southern Company	START DATE:	June 02, 2025	ELEVATION:	472.410 ft (Ground)
PROJECT:	Plant Scherer Well Installation	END DATE:	June 05, 2025	COORDINATES:	N: 1120974.872 ft E: 2406323.714 ft
PROJECT NO:	31406440.018			COORD SYS:	SP GA West FIPS 1002 ft
LOCATION:	Juliette, GA	CONTRACTOR:	Cascade Environmental, LLC	HORZ DATUM:	NAD83 VERT DATUM: NAVD88 (ft)

DEPTH (ft)	DRILL RIG	DRILL METHOD	MATERIAL PROFILE: DESCRIPTION	USCS	STRATA PLOT	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: REC %	CONSTRUCTION AND INSTALLATION DETAILS	GROUNDWATER OBSERVATIONS	WELL DIAGRAM
26	Terra Sonic	Rotosonic	(SM) silty SAND; mottled reddish yellow; intact foliation; saprolite; moist; stiff	SM		446.2						TOC Elev: 476.298 ft Nail Elev: 473.363 ft GS Elev: 472.410 ft
27			26.17 ft: Mottled grayish olive saprolite; oriented mineral foliation planes, residual quartz-biotite-mica; orange staining (possible oxidation) in bedding planes from 27-ft to 29-ft; wet to moist; loose			26.2						
28												
29												
30						442.4						
31			(CL) silty CLAY; moist; cohesive	CL		30.0						
32			(SM) silty SAND; moist; loose	SM		441.4 31.0						**SCHEDULE 40 PVC RISER**
33												
34												
35			35.00 ft: Grayish olive saprolite; residual quartz-biotite, foliated mica; loose to very loose			437.4 35.0	30' - 40'	Rotosonic	100			*Annular Fill: AquaGuard® Bentonite Cement Grout*
36												
37												
38												
39												
40												
41												
42												
43												
44												
45							40' - 50'	Rotosonic	100			
46												
47												
48												
49												
50						422.4 50.0						

Continued on Next Page

GS - Ground Surface
ID - Inside Diameter
OD - Outside Diameter
psi - pounds per square inch
PVC - Polyvinyl Chloride
TOC - Top of Casing

REV: 1

LOGGED BY: A. Sanders, PG
CHECKED BY: K. Minkara, PG
DATE: July 15, 2025

Golder Log Imperial / Soil-Simple 3 w Samp Desc and Well / Golder - 3 Imperial US / ASTM D2487 Auto (most common ASTM) / 2025-07-10

RECORD OF BOREHOLE: PZ-70

CLIENT:	Southern Company	START DATE:	June 02, 2025	ELEVATION:	472.410 ft (Ground)
PROJECT:	Plant Scherer Well Installation	END DATE:	June 05, 2025	COORDINATES:	N: 1120974.872 ft E: 2406323.714 ft
PROJECT NO:	31406440.018			COORD SYS:	SP GA West FIPS 1002 ft
LOCATION:	Juliette, GA	CONTRACTOR:	Cascade Environmental, LLC	HORZ DATUM:	NAD83 VERT DATUM: NAVD88 (ft)

DEPTH (ft)	DRILL RIG	DRILL METHOD	MATERIAL PROFILE: DESCRIPTION	USCS	STRATA PLOT	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: REC %	CONSTRUCTION AND INSTALLATION DETAILS	GROUNDWATER OBSERVATIONS
51	Terra Sonic	Rotosonic	50.00 ft: Grayish olive saprolite; residual quartz-biotite, foliated mica; loose to very loose; increasing presence of rock fragments with depth	SM							
53						419.1					
54			BIOTITE GNEISS (bedrock); foliated dark and light compositional banding between feldspar and biotite			53.3	50' - 60'	Rotosonic	100		
60											
61							60' - 69.06'	Rotosonic	100		
69						403.4					
			Boring completed at 69.06 ft.								

WELL DIAGRAM

TOC Elev: 476.298 ft
Nail Elev: 473.363 ft
GS Elev: 472.410 ft

- *Annular Fill: AquaGuard® Bentonite Cement Grout*
- *Annular Seal: HOLEPLUG® Bentonite Chips*
- **SCHEDULE 40 PVC RISER**
- *Filter Pack: #1 Silica Sand*
- **#1 SILICA SAND-FILLED U-PACK® SCHEDULE 40 PVC 0.010" SLOTTED SCREEN**
- **END CAP**

GS - Ground Surface
ID - Inside Diameter
OD - Outside Diameter
psi - pounds per square inch
PVC - Polyvinyl Chloride
TOC - Top of Casing

REV: 1

LOGGED BY: A. Sanders, PG
CHECKED BY: K. Minkara, PG
DATE: July 15, 2025

Golder Log Imperial / Soil-Simple 3 w Samp Desc and Well / Golder - 3 Imperial US / ASTM D2487 Auto (most common ASTM) / 2025-07-10

RECORD OF BOREHOLE: PZ-71

CLIENT:	Southern Company	START DATE:	June 04, 2025	ELEVATION:	475.560 ft (Ground)
PROJECT:	Plant Scherer Well Installation	END DATE:	June 05, 2025	COORDINATES:	N: 1120942.871 ft E: 2406394.553 ft
PROJECT NO:	31406440.018			COORD SYS:	SP GA West FIPS 1002 ft
LOCATION:	Juliette, GA	CONTRACTOR:	Cascade Environmental, LLC	HORZ DATUM:	NAD83 VERT DATUM: NAVD88 (ft)

DRILL RIG: Terra Sonic
DRILL METHOD: Rotosonic

DEPTH (ft)	DESCRIPTION	USCS	ELEV. / DEPTH (ft)	SAMPLES NUMBER	SAMPLES TYPE	SAMPLES REC %
0	(CL) silty CLAY, reddish orange; residuum; moist; stiff (overburden)	CL	0.0	0' - 10'	Rotosonic	53
8			467.6			
8	(ML) SILT; orange-tan; residuum; moist; loose	ML	8.0			
10	10.00 ft: Mottling begins at 10-ft with black nodules; saturated		465.6 10.0	10' - 20'	Rotosonic	62
18			457.6			
18	(CL) CLAY; orange; moist; cohesive; soft	CL	18.0 456.6			
19	(SM) silty SAND; weathered brown saprolite; foliated; moist; loose	SM	19.0 455.6			
20	(ML) clayey SILT; brown; residuum; no foliation; moist; soft	ML	20.0			
24			451.6			
24	(SM) silty SAND; weathered brown saprolite; foliated; moist; loose	SM	24.0	20' - 30'	Rotosonic	100
25						

Continued on Next Page

CONSTRUCTION AND INSTALLATION DETAILS

WELL COMPLETION
Pad Dimensions: 4' x 4' x 4"
Total Bollards: 2
Protective Casing Length: 5'
Protective Casing Fill: Pea Gravel

WELL CASING
Interval: 0' - 25.2'
Material: Schedule 40 PVC
Diameter: 2"
Joint Type: Flush-threaded

WELL SCREEN WITH END CAP
Interval: 25.2' - 35.2'
Type: PVC U-Pack®
Screen Material: Schedule 40 PVC
Screen-Packed Material: #1 Silica Sand
Diameter: 3" OD x 2" ID
Slot Width: 0.010"
Joint Type: Flush-threaded

SURFACE SEAL
Interval: 0' - 3'
Type: 4,000 psi Concrete

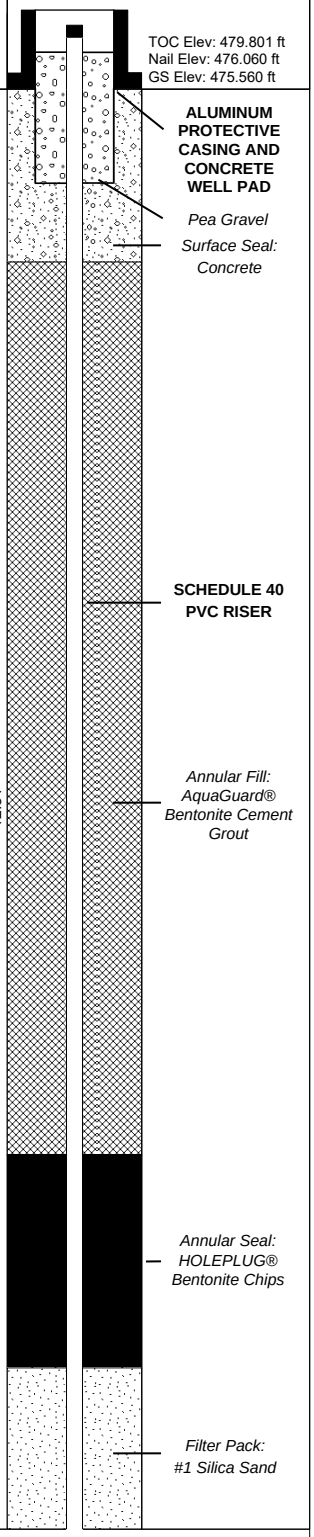
ANNULAR FILL
Interval: 3' - 18.5'
Type: AquaGuard® Bentonite Cement Grout

ANNULAR SEAL
Interval: 18.5' - 22.2'
Type: Halliburton HOLEPLUG® Coarse Grade Wyoming Sodium Bentonite Chips
Chip Size: 3/8"
Hydration Period: 2-hr minimum

FILTER PACK
Interval: 22.2' - 35.2'
Type: Southern Products & Silica Co. #1 Silica Sand

GROUNDWATER OBSERVATIONS: 05Jun25 12:41 ▽ 12:51'

WELL DIAGRAM



GS - Ground Surface
ID - Inside Diameter
OD - Outside Diameter
psi - pounds per square inch
PVC - Polyvinyl Chloride
TOC - Top of Casing

REV: 1

LOGGED BY: A. Sanders, PG
CHECKED BY: K. Minkara, PG
DATE: July 15, 2025

RECORD OF BOREHOLE: PZ-71

CLIENT:	Southern Company	START DATE:	June 04, 2025	ELEVATION:	475.560 ft (Ground)
PROJECT:	Plant Scherer Well Installation	END DATE:	June 05, 2025	COORDINATES:	N: 1120942.871 ft E: 2406394.553 ft
PROJECT NO:	31406440.018			COORD SYS:	SP GA West FIPS 1002 ft
LOCATION:	Juliette, GA	CONTRACTOR:	Cascade Environmental, LLC	HORZ DATUM:	NAD83 VERT DATUM: NAVD88 (ft)

DEPTH (ft)	DRILL RIG	DRILL METHOD	MATERIAL PROFILE: DESCRIPTION	USCS	STRATA PLOT	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: REC %	CONSTRUCTION AND INSTALLATION DETAILS	GROUNDWATER OBSERVATIONS	WELL DIAGRAM
26	Terra Sonic	Rotosonic	(SM) silty SAND; brown weathered saprolite; foliated; moist; loose	SM		445.6						SCHEDULE 40 PVC RISER
27												
28												*Filter Pack: #1 Silica Sand*
29												
30			(ML) SILT; gray; residuum; moist; soft	ML		30.0	30' - 34.79'	Rotosonic	123			#1 SILICA SAND-FILLED U-PACK® SCHEDULE 40 PVC 0.010" SLOTTED SCREEN
31						443.6						
32			(SM) silty SAND; gray; weathered saprolite; rock fragments; moist; loose	SM		32.0						
33												
34												
35						440.4						END CAP
36			Boring completed at 35.2 ft.									
37												
38												
39												
40												
41												
42												
43												
44												
45												
46												
47												
48												
49												
50												

WELL DIAGRAM: TOC Elev: 479.801 ft; Nail Elev: 476.060 ft; GS Elev: 475.560 ft

GS - Ground Surface
ID - Inside Diameter
OD - Outside Diameter
psi - pounds per square inch
PVC - Polyvinyl Chloride
TOC - Top of Casing

REV: 1

LOGGED BY: A. Sanders, PG
CHECKED BY: K. Minkara, PG
DATE: July 15, 2025

ATTACHMENT C

Development and Calibration Records

Well Development Field Record

PROJECT NAME: SCS Scherer

STARTED DEVEL.: 6/10/25 (DATE) / 0905 (TIME)

COMPLETED DEVEL.: 6/10/25 (DATE) / 1005 (TIME)

W.L. BEFORE DEVEL.: 11.20 (WL) / 6/10/25 (DATE) / 0830 (TIME)

W.L. AFTER DEVEL.: 19.51 (WL) / 6/10/25 (DATE) / 1005 (TIME)

WELL ID: SCH-PZ-70 WELL DIA.: 2 in Screen Length: 10 ft

DEVELOPED BY: Doug Bloomfield

WELL DEPTH: BEFORE DEVEL: 72.06 ft

WELL DEPTH: AFTER DEVEL.: 72.06 ft

STANDING WATER COLUMN: 60.86 ft

STANDING WELL VOLUME: 9.92 gal

DATE/TIME	VOLUME REMOVED (gal)	PUMPING RATE (gpm)	DTW (ft)	FIELD PARAMETERS pH (s.u.)	Sp. Cond. (mS/cm)	TEMP. (°C)	Turbidity (NTU)	Color	RDO (mg/L)	ORP (mV)	TOP OF PUMP (ft bgs)	REMARKS
0905	0	0.5	9.75	7.51	Over	21.02	147	brn	7.49	78.2	~72	cloudy
0915	5	0.5	24.25	6.515	388.6	17.34	17.6	clr	1.556	-186.4	"	bubbly d.schange
0925	10	|	23.75	6.474	398.5	17.42	10.2	clr	1.409	-236.0	"	N/A
0935	15	|	25.73	6.461	398.7	17.17	2.49	clr	1.283	-243.0	"	"
0945	20	|	26.59	6.455	399.1	17.09	4.79	"	1.233	-273.9	"	"
0955	25	|	27.59	6.408	398.7	17.07	4.70	"	1.166	-223.9	"	"
1005	30	|	28.20	6.426	394.4	17.06	3.30	"	1.189	-192.6	"	"

Low-Flow Test Report:

Test Date / Time: 6/10/2025 9:05:30 AM
Project: Plant Scherer
Operator Name: DCB

Location Name: SCH-PZ-70 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 62.06 ft** **Total Depth: 72.06 ft** **Initial Depth to Water: 9.75 ft**	**Pump Type: Reclaimer** **Tubing Type: HDPE** **Pump Intake From TOC: 70 ft** **Estimated Total Volume Pumped: 30 gal** **Flow Cell Volume: 90 ml** **Final Flow Rate: 0.5 gal/min** **Final Draw Down: 18.45 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:

Weather Conditions:
Cloudy 75

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 5	+/- 10	+/- 5	
6/10/2025 9:05 AM	00:00	7.509 pH	21.02 °C	0.000 µS/cm	7.495 mg/L	147.0 NTU	78.2 mV	9.750 ft	0.500 gal/min
6/10/2025 9:15 AM	10:00	6.515 pH	17.34 °C	388.6 µS/cm	1.556 mg/L	17.60 NTU	-186.4 mV	24.25 ft	0.500 gal/min
6/10/2025 9:25 AM	20:00	6.474 pH	17.42 °C	398.5 µS/cm	1.409 mg/L	10.20 NTU	-236.0 mV	24.75 ft	0.500 gal/min
6/10/2025 9:35 AM	30:00	6.461 pH	17.17 °C	398.7 µS/cm	1.283 mg/L	2.490 NTU	-243.0 mV	25.73 ft	0.500 gal/min
6/10/2025 9:45 AM	40:00	6.455 pH	17.09 °C	392.1 µS/cm	1.233 mg/L	4.790 NTU	-273.9 mV	26.59 ft	0.500 gal/min
6/10/2025 9:55 AM	50:00	6.408 pH	17.07 °C	393.7 µS/cm	1.166 mg/L	4.700 NTU	-223.9 mV	27.59 ft	0.500 gal/min
6/10/2025 10:05 AM	01:00:00	6.426 pH	17.06 °C	394.4 µS/cm	1.189 mg/L	3.300 NTU	-192.6 mV	28.20 ft	0.500 gal/min

Samples

Sample ID:	Description:

Well Development Field Record

PROJECT NAME SCH-PZ-71

STARTED DEVEL 06/10/25 0945 (DATE TIME)

COMPLETED DEVEL 06/10/25 1208 (DATE TIME)

W.L. BEFORE DEVEL 14.65 06/10/25 0940 (WL DATE TIME)

W.L. AFTER DEVEL 06/10/25 (WL DATE TIME)

WELL ID: PZ-71 WELL DIA 2 in Screen Length 10 ft

DEVELOPED BY EEA

WELL DEPTH BEFORE DEVEL 38.12 ft

WELL DEPTH AFTER DEVEL 38.12 ft

STANDING WATER COLUMN 14.65 ft

STANDING WELL VOLUME 3.826 gal

DATE/TIME	VOLUME REMOVED (gal)	PUMPING RATE (gpm)	DTW (ft)	FIELD PARAMETERS pH (s.u.)	Sp. Cond (mS/cm)	TEMP (°C)	Turbidity (NTU)	Color	RDO (mg/L)	ORP (mV)	TOP OF PUMP (ft bgs)	REMARKS
06/10/25		.5 gpm										
0947	0	.5 gpm	14.65	6.15	354.91	22.43	285	Slight brown	7.66	184.6	35.12	
0957	5	.5 gpm	35	5.97	398.03	18.23	480	orange	6.30	-33.9	35.12	Significant drop in WL
1007	10	.5 gpm	35	6.82	424.71	18.18	999	orange	12.01	103.9	35.12	purged dry; wait 30 min
				PURGED DRY; Wait 80 min								
1041	10	.5 gpm	24.32	6.88	474.98	21.39	129	clear	8.82	-1.2	~~35.12~~ EA 35.15	Pump lowered slightly
1051	15	.5 gpm	35.12	6.51	557.34	18.36	906	Orange	10.77	100.2	35.15	Dry
				Purged DRY; Wait 30 min								
1138	15	.5 gpm	24.62	5.76	539.64	19.98	101	clear	8.76	-92.3	35.15	
1148	20	.5 gpm	33.14	6.26	341.86	18.23	620	orange	11.95	138.9	35.5	Pump lowered
1158	25	.5 gpm	35.6	6.67	453.27	18.90	280	clear	11.41	90.6	35.8	↓
1208	30	.5 gpm	35.72	6.73	559.44	18.68	276	clear	11.31	85.6	35.8	
				PURGED		DRY						

= TOTAL VOLUME REMOVED (gal.)

DEVELOPMENT METHOD: Reclaimer Pump

NOTES:

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1177603
Created	6/10/2025

Sensor	**RDO**
Serial Number	1178045
Last Calibrated	6/10/2025

Calibration Details

Slope	0.9832851
Offset	-0.000 mg/L

Calibration point 100%

Concentration	8.111 mg/L
Temperature	23.50 °C
Barometric Pressure	1,001 mbar

Sensor	**Conductivity**
Serial Number	1177603
Last Calibrated	6/10/2025

Calibration Details

Offset	0.000 µS/cm
Cell Constant	0.999
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1177546
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	21480
Last Calibrated	6/10/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.000 pH
pH mV	180.9 mV
Temperature	23.31 °C

Calibration Point 2

pH of Buffer	7.000 pH
pH mV	10.6 mV

Temperature	23.49 °C

Calibration Point 3

pH of Buffer	10.00 pH
pH mV	-158.1 mV
Temperature	23.53 °C

Slope and Offset 1

Slope	-56.74 mV/pH
Offset	10.6 mV

Slope and Offset 2

Slope	-56.26 mV/pH
Offset	10.6 mV

ORP

ORP Solution	Zobell's
Offset	6.7 mV
Temperature	23.48 °C

Low-Flow Test Report:

Test Date / Time: 7/29/2025 12:49:50 PM
Project: SCH-PZ-70
Operator Name: EEA

Location Name: PZ-70 **Latitude: 33.066256286961405** **Longitude: -83.8070378759597** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 10 ft** **Top of Screen: 62.06 ft** **Total Depth: 72.06 ft** **Initial Depth to Water: 13.8 ft**	**Pump Type: Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 65 ft** **Estimated Total Volume Pumped: 8000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Sunny 90

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/29/2025 12:49 PM	00:00	6.414 pH	33.12 °C	338.5 µS/cm	2.614 mg/L	12.40 NTU	-57.8 mV	14.10 ft	200.0 ml/min
7/29/2025 12:54 PM	05:00	6.363 pH	23.15 °C	365.1 µS/cm	1.299 mg/L	3.950 NTU	-35.2 mV	14.51 ft	200.0 ml/min
7/29/2025 12:59 PM	10:00	6.374 pH	22.52 °C	367.5 µS/cm	0.895 mg/L	3.670 NTU	-37.8 mV	14.71 ft	200.0 ml/min
7/29/2025 1:04 PM	15:00	6.380 pH	22.38 °C	365.9 µS/cm	0.630 mg/L	1.720 NTU	-69.3 mV	14.90 ft	200.0 ml/min
7/29/2025 1:09 PM	20:00	6.382 pH	22.12 °C	365.9 µS/cm	0.486 mg/L	1.790 NTU	-72.6 mV	14.95 ft	200.0 ml/min
7/29/2025 1:14 PM	25:00	6.402 pH	22.10 °C	373.3 µS/cm	0.392 mg/L	2.160 NTU	-60.8 mV	14.95 ft	200.0 ml/min
7/29/2025 1:19 PM	30:00	6.419 pH	22.22 °C	374.5 µS/cm	0.328 mg/L	1.900 NTU	-42.9 mV	14.95 ft	200.0 ml/min
7/29/2025 1:24 PM	35:00	6.423 pH	22.10 °C	374.2 µS/cm	0.271 mg/L	1.950 NTU	-30.9 mV	14.95 ft	200.0 ml/min
7/29/2025 1:29 PM	40:00	6.427 pH	22.13 °C	371.4 µS/cm	0.224 mg/L	1.760 NTU	-22.4 mV	14.95 ft	200.0 ml/min

Samples

Sample ID:	Description:

SCH-PZ-70	Sampled at 1330 with FD-4

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/29/2025 2:36:03PM
Project: SCH-PZ-71
Operator Name: EEA

Location Name: PZ-71 **Latitude: 33.066256286961405** **Longitude: -83.8070378759597** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 10 ft** **Top of Screen: 28.12 ft** **Total Depth: 38.12 ft** **Initial Depth to Water: 17.22 ft**	**Pump Type: Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 12000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 7.3 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Sunny 100

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/29/2025 2:36 PM	00:00	5.954 pH	26.42 °C	540.6 µS/cm	2.889 mg/L	58.10 NTU	15.6 mV	17.65 ft	200.0 ml/min
7/29/2025 2:41 PM	05:00	5.965 pH	20.66 °C	551.3 µS/cm	2.724 mg/L	63.60 NTU	27.0 mV	18.95 ft	200.0 ml/min
7/29/2025 2:46 PM	10:00	5.921 pH	20.17 °C	536.4 µS/cm	2.629 mg/L	82.90 NTU	37.2 mV	20.80 ft	200.0 ml/min
7/29/2025 2:51 PM	15:00	5.861 pH	20.20 °C	517.2 µS/cm	2.512 mg/L	93.70 NTU	42.7 mV	22.60 ft	200.0 ml/min
7/29/2025 2:56 PM	20:00	5.782 pH	20.28 °C	496.7 µS/cm	2.254 mg/L	37.30 NTU	48.7 mV	23.10 ft	200.0 ml/min
7/29/2025 3:01 PM	25:00	5.719 pH	20.25 °C	488.1 µS/cm	2.086 mg/L	18.90 NTU	51.9 mV	23.60 ft	200.0 ml/min
7/29/2025 3:06 PM	30:00	5.714 pH	20.49 °C	491.0 µS/cm	1.836 mg/L	9.700 NTU	52.7 mV	24.15 ft	200.0 ml/min
7/29/2025 3:11 PM	35:00	5.707 pH	20.61 °C	491.7 µS/cm	1.553 mg/L	7.080 NTU	52.8 mV	24.52 ft	200.0 ml/min
7/29/2025 3:16 PM	40:00	5.730 pH	21.05 °C	496.4 µS/cm	1.430 mg/L	5.340 NTU	52.0 mV	24.52 ft	200.0 ml/min
7/29/2025 3:21 PM	45:00	5.704 pH	21.49 °C	493.8 µS/cm	1.271 mg/L	5.040 NTU	54.4 mV	24.52 ft	200.0 ml/min
7/29/2025 3:26 PM	50:00	5.681 pH	21.36 °C	486.7 µS/cm	1.121 mg/L	4.770 NTU	55.1 mV	24.52 ft	200.0 ml/min
7/29/2025 3:31 PM	55:00	5.669 pH	21.02 °C	492.0 µS/cm	1.032 mg/L	4.800 NTU	56.3 mV	24.52 ft	200.0 ml/min
7/29/2025 3:36 PM	01:00:00	5.654 pH	20.71 °C	492.3 µS/cm	0.970 mg/L	3.840 NTU	56.7 mV	24.52 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-PZ-71	Sampled at 1536

Created using VuSitu from In-Situ, Inc.

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/29/25

Calibrated By: EEA

Field Conditions: Sunny 85°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUAread	1680306
Turbidity Meter	HACH	LSO40C046490

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	240194218	1/26	AIR
pH (SU)	4.00	" "	↓	↓
pH (SU)	7.00	240194266		
pH (SU)	10.00	240194337		
D.O. (%)	N/A			
ORP (mV)	228.0	224901EE		

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4312	22.05	± 10% of standard	EPA 2023
pH (SU)	4.00	4.016	22.68	± 0.1	GWMP
pH (SU)	7.00	6.97	22.64	± 0.1	GWMP
pH (SU)	10.00	10.06	22.63	± 0.1	GWMP
D.O. (%)	N/A	98.419	22.57	± 10%	NA
ORP (mV)	228.0	232	22.68	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.46	± 10% of standard	EPA 2023
	20	19.8		
	100	98.5		
	800	804		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4380	26.2	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	26.2	± 0.1	GWMP
pH (SU)	7.00	7.07	26.3	± 0.1	GWMP
pH (SU)	10.00	10.01	25.9	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.4	± 10% of standard	EPA 2023
	20	19.9		
	300	99.1		
	800	798		

Notes:

ATTACHMENT D

Certified Well Survey

Georgia Power Plant Scherer Juliette, Georgia									
Monitoring Well Survey									
Well ID	Casing	Casing	Casing	Casing	Top of Casing	Control Nail	Control Nail	Control Nail	Ground
	Latitude	Longitude	Northing	Easting	Elevation	Northing	Easting	Elevation	Elevation
PZ-70	N33°04'52.67"	W83°48'30.17"	1120974.872	2406323.714	476.298	1120974.112	2406322.638	473.363	472.410
PZ-71	N33°04'52.35"	W83°48'29.34"	1120942.871	2406394.553	479.801	1120942.153	2406393.869	476.060	475.560

Benchmark		Northing	Easting	Elevation
SGWC-14 Control Nail		1120965.540	2406329.110	473.520
SGWC-15 Control Nail		1120191.240	2407092.940	479.760

Coordinates and elevation are based upon existing control set by others. Control Nail for existing well SGWC-14 was used and control nail for existing well SGWC-15 was used as a checkpoint. A Trimble R12 RTK GPS and Trimble Dini level were used to collect horizontal position and elevation data. Elevations for each point were established by running closed level loops with Trimble Dini level.



6/26/2025

Johnny E. Holley — date

Georgia Registration Number LS003550

Thompson Engineering Certificate of Authorization LSF-1151



APPENDIX F

Monitoring Well (SGWC-10A) Installation Report

December 4, 2025 Project No. US-WSP-31406004.018

Mr. Joju Abraham, PG
Southern Company Services, Inc.
241 Ralph McGill Blvd NE
Atlanta, Georgia 30308

MONITORING WELL (SGWC-10A) INSTALLATION REPORT
GEORGIA POWER COMPANY – PLANT SCHERER ASH POND 1 (AP-1), MONROE COUNTY, GEORGIA

Dear Mr. Abraham,

WSP USA, Inc. (WSP) is submitting this *Monitoring Well (SGWC-10A) Installation Report* to Southern Company Services, Inc. (SCS) and Georgia Power Company (Georgia Power), which documents the construction of one monitoring well at Ash Pond 1 (AP-1) at Plant Scherer in Monroe County, Georgia (Site). Well drilling and construction activities were performed in general accordance the most current version of the Region 4 U.S. Environmental Protection Agency (US EPA) Laboratory Services and Applied Science Division (LSASD) *Operating Procedure SESDGUID-101-R2* (US EPA 2018) as a general guide for best practices and the *Georgia Water Wells Standards Act of 1985*. The installation of the monitoring well was conducted under the oversight and direction of a Georgia-registered Professional Geologist (PG).

The field activities for this investigation were performed September 9 through November 4, 2025. Monitoring well (SGWC-10A) installation took place September 9 through 10, 2025. Monitoring well development took place on September 18, 2025. Thompson Engineering, Inc. (Thompson) conducted a survey of the completed monitoring well on October 8, 2025, with a revised elevation survey performed on November 4, 2025 using an appropriate control benchmark. Details of the monitoring well installation activities are presented below. Figure 1, Site Plan and Monitoring Well Location Map, presents the location of the newly installed SGWC-10A.

Monitoring Well Drilling and Construction Activities

Monitoring well SGWC-10A was drilled and installed by Cascade Drilling, LP, under contract to SCS, at the facility in September 2025. Cascade had a current and valid bond with the Water Wells Standards Advisory Council for the state of Georgia at the time of drilling (Attachment A). The driller's name is provided on the boring/construction diagrams presented in Attachment B.

A professional geologist registered to practice in Georgia (Ms. Rhonda Quinn) oversaw the field geologist conducting the drilling and well construction. Drilling methods employed for borehole advancement were rotosonic drilling techniques. The drilling equipment consisted of a TSI 150CC track-mounted Sonic drilling rig, equipped with 4-inch outer diameter sonic rods with an outer-casing sleeve. During the drilling, continuous core samples were logged in the field for lithologic and geotechnical properties.

Prior to use, downhole equipment was steam cleaned. The boring (lithologic) logs and monitoring well construction records for the newly installed monitoring well are included in Attachment B. The construction data are summarized in Table 1, and the location of the monitoring well is provided on Figure 1.

The monitoring well was constructed within the borehole using factory-cleaned and sealed Schedule 40 polyvinyl chloride (PVC) products with flush-threaded fittings. Specifically, the monitoring well was constructed with a nominal 10-foot section of 4-inch outer diameter (OD) and 2-inch inner diameter (ID), flush-threaded, 0.010-inch factory-slotted PVC, U-Pack screen. The drillers filled the annulus of the U-Pack screen section with GP-1 filter sand. The screen was placed at the bottom of the borehole, with the remainder of the monitoring well constructed from 10-foot sections of 2-inch ID, flush-threaded, PVC casing riser. A flush-threaded PVC end cap was placed on the bottom of the monitoring well to provide a sump/sediment trap, and the top of the monitoring well to extend to approximately 2.6 feet above grade. Construction details for the monitoring well are shown on the boring/construction logs in Attachment B. The PVC products used were American Society for Testing and Materials (ASTM) and National Sanitation Foundation (NSF) rated.

Following placement of the screen and casing, the annular space in the borehole adjacent to the screen was filled with US Standard Sieve size No. 1 filter pack sand as appropriate for the formation. Approximately 2.3 cubic feet of filter pack sand was placed into the borehole and extended a minimum of 2 feet above the depth of the top slot of the U-Pack screen section. Immediately following placement of the filter pack, the monitoring well was pumped using a portable submersible pump until visibly clear water was discharged. Approximately 0.7 cubic feet of filter pack seal, composed of approximately 4.3 feet of 3/8” coated bentonite pellets, was then placed on top of the filter pack by slowly pouring the material down the borehole and tamping it into place. The bentonite was hydrated using water from the borehole and allowed to cure for approximately two hours prior to grouting the monitoring well.

Following hydration of the bentonite, the remaining annular space was grouted with an AquaGuard® bentonite grout mixture to approximately the ground surface using a tremie method. Based on information provided by the product manufacturer, AquaGuard® is a bentonite grout consisting of bentonite and additives that allow for a mixture of 30% solids by weight to facilitate grouting via tremie pipe, with additives that slow the bentonite curing so that proper placement can be achieved. The monitoring well surface completion consists of a locking, anodized aluminum post-type protective casing and a 4-foot by 4-foot by 4-inch concrete pad with an engraved tag showing the well name. The annular space of the protective casing was filled with pea gravel to approximately 2 inches from the top of the PVC well casing. A weep hole was drilled into the lower side of the protective casing.

Monitoring Well Development Activities

The newly installed monitoring well was developed on September 18, 2025, in general accordance with the *Groundwater Monitoring Plan* (September 2024), and the *US EPA LSASD Design and Installation of Monitoring Wells* (January 2018). The monitoring well was surged using a Reclaimer pump system. During development, water quality measurements of pH, temperature, specific conductance, oxidation reduction potential (ORP), dissolved oxygen (DO), and turbidity were measured and recorded using field-calibrated water quality equipment. Development activities were conducted utilizing an In-Situ AquaTroll® multimeter and a Hach 2100Q turbidimeter for monitoring water quality measurements. Equipment calibration forms and development forms for the September 18 development are included in Attachment C with development details summarized in Table 2. As presented in Table 2, during development approximately 44-gallons water was removed from monitoring well

SGWC-10A. During development, a turbidity value of 1.01 nephelometric turbidity units (NTUs) was achieved for SGWC-10A. Water level measurements were collected using a decontaminated electronic water level indicator, referenced to a permanent marking at the top of the casing and recorded to within 0.01 foot.

Monitoring Well Survey

The newly installed monitoring well was initially surveyed on October 8, 2025 by Thompson, with a revised elevation survey performed on November 4, 2025 by Thompson using an appropriate control benchmark. The survey was completed using a Trimble R12 RTK GPS and Trimble Dini digital level with closures meeting First Order, Class I level classification. The top of the PVC casing, top of survey nail, and ground surface adjacent to the well pad were surveyed to 0.5 foot horizontal and 0.01-foot vertical tolerances. A point was marked on top of the PVC to use for reference during future measurements.

Surveyed coordinates and elevations are presented on the boring/construction diagrams and on Table 1. The certified surveyor's report is provided in Attachment D.

Closing

We appreciate the opportunity to assist SCS and Georgia Power with this project. Should you have any questions or require additional information, please contact the undersigned at (770) 496-1893.

Sincerely,

WSP USA Inc.

Dawn L. Prell
Technical Principal, Hydrogeologist

I certify that I am a qualified ground-water scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this report was prepared by myself or by a subordinate working under my direction. We certify that the information included is to the best of our knowledge and belief, true, accurate and complete. In preparing this report, we have relied on information provided by Southern Company Services and Georgia Power.



Rhonda N. Quinn, P.G.
Senior Geologist
Georgia Registered Professional Geologist No. 1031

bs/dlp/km

CC: File
Mr. Ben Hodges, Georgia Power Company

Attachments:
Figure 1: Site Plan and Monitoring Well Location Map
Table 1: Summary of Monitoring Well Construction Details
Table 2: Summary of Monitoring Well Development
Attachment A: Cascade Drilling Bond
Attachment B: Record of Borehole / Monitoring Well Construction Diagrams
Attachment C: Development and Calibration Records
Attachment D: Certified Well Survey

Figure and Tables



LEGEND

- SCHERER ASH POND-CCR MONITORING WELL
- PIEZOMETER
- ASSESSMENT MONITORING WELL
- STREAM
- EXISTING TOPOGRAPHY

NOTE(S)
1. ALL LOCATIONS AND BOUNDARIES ARE APPROXIMATE.
2. SGWC-10A WAS INSTALLED IN SEPTEMBER 2025

REFERENCE(S)
1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS SURVEYED BY JORDAN ENGINEERING, INC.
3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 03/2025.
4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.

0 150 300 600
Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

PROJECT
MONITORING WELL (SGWC-10A) INSTALLATION REPORT
PLANT SCHERER - ASH POND 1

TITLE
SITE PLAN AND MONITORING WELL LOCATION MAP

CONSULTANT
wsp

YYYY-MM-DD	2025-11-11
DESIGNED	AR
PREPARED	JTB
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.018

FIGURE
1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

TABLE 1
SUMMARY OF MONITORING WELL CONSTRUCTION DETAILS
Georgia Power Company - Plant Scherer Ash Pond 1
Monroe County, GA

Borehole ID	Latitude	Longitude	NAD 83 Northing	NAD 83 Easting	Top of PVC Casing Elevation (feet NAVD88)	Ground Surface Elevation (feet NAVD88)	Ground Surface Elevation at Concrete Pad (feet NAVD88)[1]	Total Depth (feet bgs)	Depth to Bedrock (feet bgs)	Screened Interval (feet bgs)	Top of Screen Elevation (feet NAVD88)	Bottom of Screen Elevation (feet NAVD88)	Lithology Screened	Casing Material	Casing Diameter (inch)	Date Installed
SGWC-10A	N33°05'01.78"	W83°48'56.93"	1121888.60	2404043.98	509.49	506.90	507.14	48.27	N/A	37.90 - 47.90	469.00	459.00	Saprolite	Schedule 40 PVC	2	9/10/2025

Notes:
1. Ground surface at concrete pad measured at the survey nail in the concrete pad.
2. Survey performed by Thompson Engineering on October 8, 2025, with follow-up elevation survey performed by Thompson Engineering on November 4, 2025.
3. Well screen elevations are calculated by subtracting the depths to top and bottom of the well screen from the ground surface elevation.
4. Total well depth accounts for sump if data provided on well construction logs.

NAD 83 - North American Datum 1983
NAVD88 - North American Vertical Datum 1988
bgs - Below ground surface
bTOC - Below Top of Casing
N/A - not applicable
ID - Identification
PVC - polyvinyl choride

TABLE 2
SUMMARY OF MONITORING WELL DEVELOPMENT
Georgia Power Company - Plant Scherer Ash Pond 1
Monroe County, GA

Monitoring Well ID	Date Started	Time Started (hr:min)	Date Completed	Elapsed Time (hr:min)	Development Method	Measured Total Depth of Well (feet bTOC)	Initial Water level (feet bTOC)	Final Water Level (feet bTOC)	Volume of Casing (gal)	Total Volume Removed (gal)	pH (SU)	Specific Conductance (uS/cm)	Temperature (°C)	Turbidity (NTU)
SGWC-10A	9/18/2025	9:40	9/18/2025	4:10	Reclaimer Pump	50.98	31.37	33.90	3.2	44	5.95	328.3	20.22	1.01

Notes:
hr:min - hours:minutes
bTOC - feet below Top of Casing
gal - gallons
SU - Standard Units
uS/cm - microSiemens per centimeter
°C - degrees Celcius
NTU - nephelometric turbidity units
ID - Identification

ATTACHMENT A

Cascade Drilling Bond

GA Water Well Contractor License # 651

Bond Number 612424813

Performance Bond For Water Well Contractors

Name of Water Well Contractor Richard Alan Mooney

Know All Men By These Presents

That we Cascade Drilling, L.P. and Richard Alan Mooney and any and all employees, officers and partners (collectively hereinafter, **Principal**), and we United States Fire Insurance Company, duly organized under the laws of the State of Delaware (hereinafter, **Surety**), are held and firmly bound unto the Director of the Environmental Protection Division, Department of Natural Resources, State of Georgia (**Director**) and his or her successor or successors in office, as **Obligee**, in the full sum of **THIRTY THOUSAND DOLLARS ($30,000.00)** for the payment of which will and truly to be made, the Principal and Surety bind ourselves, our heirs, administrators, successors and assigns, jointly and severally, by these presents.

WHEREAS, the Water Well Standards Act of 1985 (O.C.G.A. §§ 12-5-120 *et seq.*) (the Act) requires that a Water Well Contractor, as that term is defined by the Act, have a performance bond with the Director to ensure compliance with the Act; and WHEREAS the above bound Principal is subject to the terms and provisions of said Act.

NOW, THEREFORE, the conditions of this obligation are such that if the above bound Principal shall fully and faithfully perform the duties and in all things comply with the procedures and standards set forth in the Act as now and hereafter amended, and the rules and regulations promulgated pursuant thereto, including but not limited to the correction of any violation of such procedures and standards upon discovery, irrespective of whether such discovery is made before completion of any well subject to this bond, then this obligation shall be void; otherwise it shall remain in full force and effect.

And Surety, for value received, agrees that no amendment to existing laws, rules or regulations, or adoption of new laws, rules or regulations shall in anyway discharge its obligation on this bond, and does hereby waive notice of any such amendment, adoption or modification.

This bond shall be effective from the 30th day of June, 20 25 and shall continue in effect until June 30, 2027, unless sooner terminated by mutual agreement of Principal and Surety, provided that no such termination may be made unless sixty (60) days' prior written notice is made to the Director. In the event of such termination, the rights of the Director as Obligee and beneficiaries under this bond which arose prior to such termination shall continue.

IN WITNESS THEREOF the Principal and Surety have caused these present to be duly signed and sealed, this the 2nd day of May, 20 25.

Principal Cascade Drilling, L.P.

Print name:

Title:

Seal:

Surety United States Fire Insurance Company

Melissa Haddick

Print name: Melissa Haddick

Title: Attorney-in-Fact

Seal:

Revised 03.17.2021

POWER OF ATTORNEY
UNITED STATES FIRE INSURANCE COMPANY
PRINCIPAL OFFICE - MORRISTOWN, NEW JERSEY

(PRODUCER CODE)

KNOW ALL MEN BY THESE PRESENTS: That United States Fire Insurance Company, a corporation duly organized and existing under the laws of the state of Delaware, has made, constituted and appointed, and does hereby make, constitute and appoint: **Sandra Parker; Melissa Haddick; Tannis Mattson; Orlando Aguirre; Stacy Killebrew; Madison Diaz and Megan Sivley** each, its true and lawful Attorney(s)-In-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver: Any and all bonds and undertakings of surety and other documents that the ordinary course of surety business may require, and to bind United States Fire Insurance Company thereby as fully and to the same extent as if such bonds or undertakings had been duly executed and acknowledged by the regularly elected officers of United States Fire Insurance Company at its principal office, in amounts or penalties: **One Hundred Twenty Five Million Eight Hundred Thousand Dollars ($125,800,000)**

This Power of Attorney limits the act of those named therein to the bonds and undertakings specifically named therein, and they have no authority to bind United States Fire Insurance Company except in the manner and to the extent therein stated.

This Power of Attorney is granted pursuant to Article IV of the By-Laws of United States Fire Insurance Company as now in full force and effect, and consistent with Article III thereof, which Articles provide, in pertinent part:

Article IV, Execution of Instruments - Except as the Board of Directors may authorize by resolution, the Chairman of the Board, President, any Vice-President, any Assistant Vice President, the Secretary, or any Assistant Secretary shall have power on behalf of the Corporation:

(a) to execute, affix the corporate seal manually or by facsimile to, acknowledge, verify and deliver any contracts, obligations, instruments and documents whatsoever in connection with its business including, without limiting the foregoing, any bonds, guarantees, undertakings, recognizances, powers of attorney or revocations of any powers of attorney, stipulations, policies of insurance, deeds, leases, mortgages, releases, satisfactions and agency agreements;
(b) to appoint, in writing, one or more persons for any or all of the purposes mentioned in the preceding paragraph (a), including affixing the seal of the Corporation.

Article III, Officers, Section 3.11, Facsimile Signatures. The signature of any officer authorized by the Corporation to sign any bonds, guarantees, undertakings, recognizances, stipulations, powers of attorney or revocations of any powers of attorney and policies of insurance issued by the Corporation may be printed, facsimile, lithographed or otherwise produced. In addition, if and as authorized by the Board of Directors, dividend warrants or checks, or other numerous instruments similar to one another in form, may be signed by the facsimile signature or signatures, lithographed or otherwise produced, of such officer or officers of the Corporation as from time to time may be authorized to sign such instruments on behalf of the Corporation. The Corporation may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Corporation, notwithstanding the fact that he may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF, United States Fire Insurance Company has caused these presents to be signed and attested by its appropriate officer and its corporate seal hereunto affixed this 17th day of January, 2025.

UNITED STATES FIRE INSURANCE COMPANY

Matthew E. Lubin, President

State of New Jersey}
County of Morris }

On this 17th day of January, 2025, before me, a Notary public of the State of New Jersey, came the above named officer of United States Fire Insurance Company, to me personally known to be the individual and officer described herein, and acknowledged that he executed the foregoing instrument and affixed the seal of United States Fire Insurance Company thereto by the authority of his office.

ETHAN SCHWARTZ
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES 6/25/2029
COMMISSION: #50223171

Ethan Schwartz (Notary Public)

I, the undersigned officer of United States Fire Insurance Company, a Delaware corporation, do hereby certify that the original Power of Attorney of which the foregoing is a full, true and correct copy is still in force and effect and has not been revoked.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of United States Fire Insurance Company on the 2nd day of May 20 25

UNITED STATES FIRE INSURANCE COMPANY

Michael C. Fay, Senior Vice President

*For verification of the authenticity of the Power of Attorney, please contact (phone number) or email: patricia.taber @amyntagroup.com

ATTACHMENT B

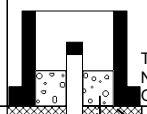
Record of Borehole / Monitoring Well Construction Diagrams

RECORD OF BOREHOLE: SGWC-10A

CLIENT:	Southern Company	START DATE:	September 09, 2025	ELEVATION:	506.90 ft (Ground)
PROJECT:	Plant Scherer Well Installation	END DATE:	September 10, 2025	COORDINATES:	N: 1121888.60 ft E: 2404043.98 ft
PROJECT NO:	31406440.018			COORD SYS:	SP GA West FIPS 1002 Ft
LOCATION:	Juliette, GA	CONTRACTOR:	Cascade Environmental, LLC	HORZ DATUM:	NAD83
				VERT D ATUM:	NAVD88

DEPTH (ft)	DRILL RIG	DRILL METHOD	MATERIAL PROFILE: DESCRIPTION	USCS	STRATA PLOT	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: REC %	CONSTRUCTION AND INSTALLATION DETAILS	GROUNDWATER OBSERVATIONS
0	Terrasonic 150CC	Hand Auger	FILL; fine sandy slightly clayey micaceous silt with some rock fragments; red-brown, moist, firm			0.0				WELL COMPLETION Pad Dimensions: 4' (L) x 4' (W) x 4" (D) Protective Casing Length: 5' Protective Casing Fill: Pea Gravel Total Bollards: 4 WELL CASING Interval: 0.00 - 37.90 ft. bgs Total Length: 37.90 ft Material: Schedule 40 PVC Diameter: 2" Joint Type: Flush-threaded WELL SCREEN Interval: 37.90 - 47.90 ft. bgs Total Length: 10.00 ft Type: PVC U-Pack® Screen Material: Schedule 40 PVC Screen-Packed Material: #1 Silica Sand Diameter: 3" OD x 2" ID Slot Width: 0.010" Joint Type: Flush-threaded WELL END CAP Interval: 47.90 - 48.27 ft. bgs Total Length: 0.37 ft Material: Schedule 40 PVC ANNULAR FILL Interval: 0.00 - 31.90 ft. bgs Type: AquaGuard® Bentonite Grout Quantity: 2 x 94-lb bag ANNULAR SEAL Interval: 31.90 - 36.20 ft. bgs Type: Pel-Plug® Bentonite Pellet Pellet Diameter: 3/8" Hydration Period: 2-hr minimum Quantity: 1 x 50-lb bucket FILTER PACK Interval: 36.20 - 50.00 ft. bgs Type: Southern Products & Silica Co. #1 Silica Sand Quantity: 4.5 x 50-lb bag	
4						502.9					
			(ML) fine sandy slightly clayey micaceous SILT, low plasticity; red-brown, moist, firm	ML		4.0					
9						497.9					
			(SM) silty fine micaceous SAND; red-brown to dark red with black mottling, moist, firm	SM		9.0					
12		Rotosonic				494.9					
			(ML) fine sandy clayey micaceous SILT; low plasticity, red-brown with black mottling, moist, firm	ML		12.0					
18						488.9					
			(ML) very fine sandy clayey micaceous SILT; relict structure with few small rock fragments, yellowish-red with black, moist, firm	ML		18.0					
20						486.9					
			(SM) silty micaceous fine SAND, relict structure; yellowish-red and red-brown with black mottling, very moist, loose	SM		20.0					
25											

WELL DIAGRAM



TOC Elev: 509.49 ft
Nail Elev: 507.14 ft
GS Elev: 506.90 ft

ALUMINUM PROTECTIVE CASING AND CONCRETE WELL PAD

Pea Gravel

SCHEDULE 40 PVC RISER

AquaGuard® Bentonite Grout

Continued on Next Page

Note:

ags - above ground surface
bgs - below ground surface
ID - inside diameter
OD - outside diameter
PVC - polyvinyl chloride

REV: 2

LOGGED: T. Keller, PG DATE: Sep 09, 2025

CHECKED: J. Quinn, PG DATE: Nov 11, 2025

RECORD OF BOREHOLE: SGWC-10A

CLIENT: Southern Company
PROJECT: Plant Scherer Well Installation
PROJECT NO: 31406440.018
LOCATION: Juliette, GA

START DATE: September 09, 2025
END DATE: September 10, 2025
CONTRACTOR: Cascade Environmental, LLC

ELEVATION: 506.90 ft (Ground)
COORDINATES: N: 1121888.60 ft E: 2404043.98 ft
COORD SYS: SP GA West FIPS 1002 Ft
HORZ DATUM: NAD83
VERT D ATUM: NAVD88

DEPTH (ft)	DRILL RIG	DRILL METHOD	MATERIAL PROFILE: DESCRIPTION	USCS	STRATA PLOT	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: REC %	CONSTRUCTION AND INSTALLATION DETAILS	GROUNDWATER OBSERVATIONS	WELL DIAGRAM
26	Terrasonic 150CC	Rotosonic	(SM) silty micaceous fine SAND, relict structure; yellowish-red and red-brown with black mottling, very moist, loose			476.9						SCHEDULE 40 PVC RISER
27												
28												
29												
30			(SM) silty micaceous fine SAND, relict structure; pale brown to brownish gray changing to grayish brown at 34 feet; wet, loose			30.0						AquaGuard® Bentonite Grout
31											11Sep25 10:00	
32												
33												
34												Pel-Plug® Bentonite Pellets
35			White banding noted from 35 to 39 feet	SM								
36												
37												
38												Filter Pack: #1 Silica Sand
39						466.9						
40			(SM) silty micaceous fine SAND, relict structure; banded gray and pale brown, wet, loose			40.0						#1 SILICA SAND-FILLED U-PACK® SCHEDULE 40 PVC 0.010" SLOTTED SCREEN
41												
42												
43												
44												
45				SM								
46												
47												
48												END CAP
49												
50						456.9						

Borehole completed at 50.00 ft.

Note:

ags - above ground surface
bgs - below ground surface
ID - inside diameter
OD - outside diameter
PVC - polyvinyl chloride

REV: 2

LOGGED: T. Keller, PG
DATE: Sep 09, 2025
CHECKED: J. Quinn, PG
DATE: Nov 11, 2025

ATTACHMENT C

Development and Calibration Records

Well Development Field Record

PROJECT NAME: Plant Scherer

STARTED DEVEL: 9-18-25 / 9:40 (DATE / TIME)

COMPLETED DEVEL: 9-18-25 / 13:30 (DATE / TIME)

W.L. BEFORE DEVEL: 31.37 (WL) 9-18-25 (DATE) 8:15 (TIME)

W.L. AFTER DEVEL: 37.90 (WL) 9-18-25 (DATE) 14:0? (TIME)

WELL ID: GWC-10A WELL DIA: 2 in. Screen Length: 9.9 ft

DEVELOPED BY: T Hellar

WELL DEPTH BEFORE DEVEL: 50.98 ft

WELL DEPTH AFTER DEVEL: 50.98 ft

STANDING WATER COLUMN: 19.61 ft

STANDING WELL VOLUME: 17.08 gal

DATE/TIME	VOLUME REMOVED (gal)	PUMPING RATE (mL/min)	DTW (ft)	FIELD PARAMETERS: pH (s.u.)	Sp. Cond (mS/cm)	TEMP (°C)	Turbidity (NTU)	Color	RDO (mg/L)	ORP (mV)	TOP OF PUMP (ft bgs)	REMARKS
9:15												Pump set and readied surge.
9:40	START PUMPING - Pump not pumping											Beg. Pumping.
												Check Valve removed with JPC scrap, Remove pump drained. Adj flow
10:15	Restart	Pump										SURGE
10:24	2	1500	34.4	6.85	344.72	21.25	564	brown/gray	6.96	80.48	47'	
10:29		1500	NM	6.50	349.2	20.87	374		2.95	102.87		
10:34	5.0	750	NM	6.84	344.7	20.37	218		9.67	196.12		
10:39		750	38.1	6.26	342.8	20.56	135		4.23	81.98		
	Restart	Troll - phone interupted										
10:42		750	NM	6.24	336	20.51	125		3.87	29.21		SURGE
10:47		750	38.9	6.24	348.68	20.38	457	brown/gray	3.38	51.67		
10:52		750	39.15	6.19	334.44	20.38	418		2.62	50.34		
10:57	10	750	39.25	6.12	337.75	20.36	258		2.63	56.87		
11:02		600	38.55	6.16	331.1	20.38	174		2.38	84.40		
11:07	[illegible]	600	37.8	6.20	330.12	20.32	431		1.70	112.66		SURGE
11:12		600		6.12	331.9	20.59	410		2.03	94.29		
11:17		675	37.52	6.19	332.84	20.44	432		3.93	119.84		SURGE
11:22		900		6.06	32.80	20.41	>1000	brown/gray	1.99	163.99		SURGE
11:27	15 gal	900	38.1	6.09	329.89	20.21	>1000	brown	2.09	65.33		SURGE
11:32		900	39.34	6.09	329.51	20.03	634		2.46	144.74		
11:37		825	39.34	6.06	326.0	20.13	278		2.42	140.39		SURGE
11:42		900	39.38	6.05	329.6	20.13	988		2.05	112.33		
11:47	2.6 gal	900	39.75	6.08	329.38	20.25	536		2.08	86.80		
11:52		800	39.40	6.04	325.20	20.24	418		1.98	62.3		
11:57		800		6.05	37.45	20.13	365		2.11	49.17		SURGE
	Phone	interupted restart										
11:58		800	39.74	6.05	326.96	20.11	878	brown/gray	1.73	26.99		
		TOTAL VOLUME REMOVED (gal)										

DEVELOPMENT METHOD: Reclaimer Pump

NOTES: SURGE BY FORCING PUMP UP AND DOWN THRU SCREEN LENGTH.
Used PHONE to collect data - test interupted as phone died.

Well Development Field Record

PROJECT NAME: Plant Sherer

STARTED DEVEL: DATE 9.18.25 TIME 9:40

COMPLETED DEVEL: DATE 9.18.25 TIME 13:50

W.L. BEFORE DEVEL: WL 31.37 DATE 9.18.25 TIME 8:15

W.L. AFTER DEVEL: WL 33.90 DATE 9.18.25 TIME 14:30

WELL ID: SGWC-10A WELL DIA. 2 in Screen Length 10 ft

DEVELOPED BY: TKell

WELL DEPTH: BEFORE DEVEL. 50.98 ft

WELL DEPTH: AFTER DEVEL. 50.93 ft

STANDING WATER COLUMN 19.61 ft

STANDING WELL VOLUME 17.08 gal

DATE/TIME	VOLUME REMOVED (gal)	PUMPING RATE (gpm)	DTW (ft)	FIELD PARAMETERS pH (s.u.)	Sp. Cond. (mS/cm)	TEMP. (°C)	Turbidity (NTU)	Color	RDO (mg/L)	ORP (mV)	TOP OF PUMP (ft bgs)	REMARKS
9.18.25												
12:03	20	800	39.0	6.04	326.4	20.27	409	gray/brn	1.94	29.92	47	
12:08		800	39.05	5.93	327.6	20.67	304	brn/gray	1.77	46.87		
12:13		800	39.20	6.01	332.47	20.09	195		1.92	58.65		SURGE
12:18		800	39.25	5.99	320.63	20.11	135		1.41	84.24		
12:23	25	750	38.90	5.95	329.4	20.07	370		1.70	90.39		
12:28		750	38.20	6.05	322.7	20.18	402		3.7	111.00		
12:33		700	37.90	6.09	324.9	20.49	637		6.01	120.22		SURGE
12:38		500	37.30	6.25	284.1	21.32	576		7.40	140.37		SURGE
12:43		600	37.52	6.03	328.2	20.83	852		5.39	196.68		
12:48		600	37.40	5.94	328.4	20.58	588		3.45	198.49		
12:53	30	900	38.20	5.99	332.4	20.49	365		3.03	189.87		
12:58		900	38.55	5.99	329.7	20.26	182		2.1	184.26		
13:03		900	39.40	5.96	330.41	20.11	125		2.13	184.23		
13:08		1000	39.81	6.01	328.27	20.22	47.1	clear	2.16	141.95		
13:13	35	1000	40.20	5.94	333.4	20.26	26.5	clear	1.83	144.54		
13:18		1000	40.25	5.96	331.83	20.24	21		1.58	142.60		
13:23		1000	40.55	5.97	329.7	20.31	32.1		1.38	192.46		
13:28		1000	40.50	5.91	328.3	20.42	54.1		1.19	201.84		
13:33	40	1000	40.30	5.95	328.1	20.39	8.20		1.11	155.16		
13:38		1000	40.45	5.96	328.8	20.4	2.21		1.09	165.14		
13:43		1000	40.55	5.93	329.27	20.4	1.59		1.05	169.49		
13:48	44	1000	40.50	5.95	328.3	20.22	1.07		1.05	173.77		
	44	= TOTAL VOLUME REMOVED (gal.)										

DEVELOPMENT METHOD: Reclaimer Pump

NOTES: SURGE BY FORCING PUMP UP AND DOWN THRU SCREEN SECTION
FINAL TURBIDITY 1.01 NTU;

Test Properties
Test Type = Low-Flow Test
Test Date / Time = 2025-09-18 10:24:50
Time Offset = -04:00:00
Operator Name = TKeller
Project = Plant Scherer
Flow Cell Volume = 90 ml
Final Draw Down = 40.5 ft
Estimated Total Volume Pumped = 43 gal

Pump Properties
Pump Type = Reclaimer
Final Flow Rate = 1000 ml/min
Pump Intake From TOC = 47 m

Tubing Properties
Tubing Type = Pe

Location Properties
Location Name = SGWC-10A
Location ID = 7b6fa63c-6a1b-486e-976a-ec2e9ad15df7

Well Properties
Well Diameter = 2 in
Casing Type = PVC
Screen Length = 9.9 ft
Total Depth = 50.98 ft
Top of Screen = 37.9 ft

Instrument Properties
Device Model = Aqua TROLL 400
Device SN = 1149710

Date Time	Elapsed Time	Turbidity (NTU)	Depth to Water (cm)	Flow (ml/min)	RDO Concentration (mg/L) (1170587)	RDO Saturation (%Sat) (1170587)	Oxygen Partial Pressure (Torr) (1170587)	Actual Conductivity (µS/cm) (1149710)	Temperature (°C) (1149710)	Specific Conductivity (µS/cm) (1149710)	Salinity (PSU) (1149710)	Total Dissolved Solids (ppt) (1149710)	Resistivity (ohm-cm) (1149710)	Density (g/cm³) (1149710)	Pressure (psi) (1152772)	pH (pH) (22822)	pH mV (mV) (22822)	ORP (mV) (22822)
9/18/2025 10:24	0:00:00	564	34.4	1500	6.958	79.538	121.013	320.024	21.249	344.722	0.166	0.224	3124.764	0.998	-0.051	6.653	19.537	80.483
9/18/2025 10:29	0:05:00	374	34.4	1500	5.948	67.1	102.197	319.691	20.57	349.241	0.168	0.227	3128.021	0.998	0.027	6.5	28.286	102.867
9/18/2025 10:34	0:10:00	215	34.4	750	9.668	108.633	165.503	314.325	20.374	344.792	0.166	0.224	3181.424	0.998	-0.033	6.843	8.535	196.117
9/18/2025 10:39	0:15:00	135	38.1	750	4.231	48.089	73.198	316.32	20.955	342.803	0.165	0.223	3161.353	0.998	-0.037	6.252	42.689	81.985
9/18/2025 10:42	0:17:44	125	38.1	750	3.367	37.937	57.786	307.586	20.513	336.419	0.162	0.219	3251.125	0.998	-0.029	6.247	42.892	29.212
9/18/2025 10:47	0:22:44	457	38.9	750	3.38	37.99	57.878	317.929	20.383	348.68	0.168	0.227	3145.36	0.998	-0.029	6.244	43.038	51.616
9/18/2025 10:52	0:27:44	418	39.15	750	2.626	29.513	44.962	304.715	20.389	334.142	0.161	0.217	3281.755	0.998	-0.023	6.194	45.923	50.344
9/18/2025 10:57	0:32:44	258	39.25	750	2.664	29.927	45.596	307.83	20.362	337.748	0.163	0.22	3248.547	0.998	-0.035	6.126	49.877	56.868
9/18/2025 11:02	0:37:44	174	38.05	600	2.576	29.061	44.26	303.168	20.584	331.095	0.16	0.215	3298.507	0.998	-0.042	6.161	47.867	84.402
9/18/2025 11:07	0:42:44	451	37.8	600	1.707	19.24	29.306	302.442	20.522	330.729	0.159	0.215	3306.424	0.998	-0.065	6.203	45.457	112.66
9/18/2025 11:12	0:47:44	410	37.8	600	2.083	23.506	35.799	304.01	20.596	331.928	0.16	0.216	3289.369	0.998	-0.032	6.121	50.203	94.292
9/18/2025 11:17	0:52:44	438	37.52	675	3.933	44.255	67.417	303.85	20.44	332.84	0.16	0.216	3291.1	0.998	-0.034	6.198	45.7	149.322
9/18/2025 11:22	0:57:44	1000	37.52	900	1.988	22.347	34.045	298.267	20.401	326.99	0.157	0.213	3352.7	0.998	-0.039	6.068	53.183	163.996
9/18/2025 11:27	1:02:44	1000	38.1	900	2.092	23.437	35.716	296.124	20.217	325.894	0.157	0.212	3376.966	0.998	-0.054	6.095	51.615	155.329
9/18/2025 11:32	1:07:44	634	39.04	900	2.459	27.474	41.875	298.573	20.084	329.515	0.159	0.214	3349.262	0.998	-0.044	6.096	51.52	144.743
9/18/2025 11:37	1:12:44	270	39.59	825	2.424	27.107	41.313	304.78	20.133	336.016	0.162	0.218	3281.054	0.998	-0.038	6.061	53.54	140.39
9/18/2025 11:42	1:17:44	988	39.5	900	2.05	22.922	34.934	298.998	20.135	329.628	0.159	0.214	3344.502	0.998	-0.061	6.072	52.934	112.381
9/18/2025 11:47	1:22:44	536	39.75	900	2.073	23.224	35.391	299.501	20.22	329.589	0.159	0.214	3338.889	0.998	-0.037	6.039	54.834	86.807
9/18/2025 11:52	1:27:44	418	39.4	800	1.989	22.243	33.899	299.646	20.141	330.301	0.159	0.215	3337.277	0.998	-0.062	6.043	54.59	62.335
9/18/2025 11:57	1:32:44	365	39.4	800	2.112	23.614	35.99	303.381	20.126	334.524	0.161	0.217	3296.185	0.998	-0.021	6.156	48.113	49.166
9/18/2025 11:58	1:33:36	878	39.34	800	1.735	19.414	29.586	296.728	20.173	326.866	0.157	0.212	3370.087	0.998	-0.026	6.05	54.225	26.991
9/18/2025 12:03	1:38:36	409	39	800	1.941	21.761	33.158	296.993	20.273	326.47	0.157	0.212	3367.083	0.998	-0.027	6.036	55.038	29.919
9/18/2025 12:08	1:43:36	304	39.05	800	1.766	19.726	30.066	295.012	20.078	325.626	0.157	0.212	3389.69	0.998	-0.016	5.976	58.449	44.869
9/18/2025 12:13	1:48:36	190	39.2	800	1.918	21.439	32.676	301.345	20.098	332.471	0.16	0.216	3318.453	0.998	-0.028	6.014	56.247	58.648
9/18/2025 12:18	1:53:36	635	39.25	800	1.41	15.758	24.017	290.704	20.113	320.636	0.154	0.208	3439.922	0.998	-0.037	5.982	58.096	86.24
9/18/2025 12:23	1:58:36	370	38.9	750	1.705	19.045	29.028	298.408	20.066	329.456	0.159	0.214	3351.113	0.998	-0.024	5.951	59.87	90.892
9/18/2025 12:28	2:03:36	402	38.7	750	3.699	41.396	63.085	297.53	20.177	327.721	0.158	0.213	3361.011	0.998	-0.034	6.053	54.045	111.002
9/18/2025 12:33	2:08:36	637	37.9	700	6.008	67.658	103.06	296.884	20.488	324.882	0.156	0.211	3368.318	0.998	-0.026	6.098	51.518	120.267
9/18/2025 12:38	2:13:36	536	37.3	500	7.4	84.697	128.847	264.138	21.32	284.107	0.136	0.185	3785.903	0.998	-0.057	6.251	42.817	140.374
9/18/2025 12:43	2:18:36	552	37.52	600	5.39	61.108	93.035	302.084	20.829	328.234	0.158	0.213	3310.339	0.998	-0.04	6.034	55.266	196.683
9/18/2025 12:48	2:23:36	588	37.4	600	3.454	39.181	59.648	302.449	20.858	328.435	0.158	0.213	3306.344	0.998	-0.025	5.946	60.351	190.487
9/18/2025 12:53	2:28:36	365	38.2	900	3.026	34.081	51.913	303.792	20.497	332.382	0.16	0.216	3291.726	0.998	0.004	5.992	57.624	189.869
9/18/2025 12:58	2:33:36	182	38.55	900	2.097	23.508	35.821	299.8	20.256	329.669	0.159	0.214	3335.561	0.998	-0.04	5.994	57.468	184.258
9/18/2025 13:03	2:38:36	125	39.4	900	2.13	23.816	36.298	304.614	20.118	335.937	0.162	0.218	3282.842	0.998	-0.052	5.962	59.277	184.235
9/18/2025 13:08	2:43:36	47.1	39.85	1000	2.157	24.167	36.826	305.655	20.226	336.324	0.162	0.219	3271.667	0.998	-0.044	6.013	56.371	141.955

Test Properties
Test Type = Low-Flow Test
Test Date / Time = 2025-09-18 10:24:50
Time Offset = -04:00:00
Operator Name = TKeller
Project = Plant Scherer
Flow Cell Volume = 90 ml
Final Draw Down = 40.5 ft
Estimated Total Volume Pumped = 43 gal

Pump Properties
Pump Type = Reclaimer
Final Flow Rate = 1000 ml/min
Pump Intake From TOC = 47 m

Tubing Properties
Tubing Type = Pe

Location Properties
Location Name = SGWC-10A
Location ID = 7b6fa63c-6a1b-486e-976a-ec2e9ad15df7

Well Properties
Well Diameter = 2 in
Casing Type = PVC
Screen Length = 9.9 ft
Total Depth = 50.98 ft
Top of Screen = 37.9 ft

Instrument Properties
Device Model = Aqua TROLL 400
Device SN = 1149710

Date Time	Elapsed Time	Turbidity (NTU)	Depth to Water (cm)	Flow (ml/min)	RDO Concentration (mg/L) (1170587)	RDO Saturation (%Sat) (1170587)	Oxygen Partial Pressure (Torr) (1170587)	Actual Conductivity (µS/cm) (1149710)	Temperature (°C) (1149710)	Specific Conductivity (µS/cm) (1149710)	Salinity (PSU) (1149710)	Total Dissolved Solids (ppt) (1149710)	Resistivity (ohm-cm) (1149710)	Density (g/cm³) (1149710)	Pressure (psi) (1152772)	pH (pH) (22822)	pH mV (mV) (22822)	ORP (mV) (22822)
9/18/2025 13:13	2:48:36	26.5	40.2	1000	1.831	20.525	31.275	303.236	20.263	333.404	0.161	0.217	3297.763	0.998	-0.029	5.945	60.276	144.593
9/18/2025 13:18	2:53:36	21	40.25	1000	1.567	17.558	26.755	301.666	20.24	331.835	0.16	0.216	3314.923	0.998	-0.055	5.969	58.88	142.631
9/18/2025 13:23	2:58:36	12.1	40.55	1000	1.383	15.517	23.643	300.186	20.314	329.696	0.159	0.214	3331.273	0.998	-0.039	5.975	58.576	193.665
9/18/2025 13:28	3:03:36	5.41	40.5	1000	1.195	13.437	20.469	299.69	20.427	328.37	0.158	0.213	3336.78	0.998	-0.041	5.906	62.542	155.845
9/18/2025 13:33	3:08:36	3.2	40.3	1000	1.112	12.495	19.036	299.289	20.394	328.156	0.158	0.213	3341.256	0.998	-0.059	5.954	59.814	155.467
9/18/2025 13:38	3:13:36	2.31	40.45	1000	1.093	12.285	18.716	299.956	20.4	328.849	0.158	0.214	3333.825	0.998	-0.079	5.959	59.521	165.145
9/18/2025 13:43	3:18:36	1.54	40.55	1000	1.053	11.835	18.03	300.342	20.401	329.266	0.159	0.214	3329.541	0.998	-0.058	5.931	61.082	169.495
9/18/2025 13:48	3:23:36	1.01	40.5	1000	1.058	11.854	18.064	298.296	20.217	328.287	0.158	0.213	3352.379	0.998	-0.045	5.952	59.89	173.777

Notes
Test Notes: Dev
Weather Conditions: Clear

Field Instrumentation Calibration Form

Date: 9-13-25

Site Name: Plant Scherer

Field Conditions: Clear

Calibrated By: TMK

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	INSITO 400	1148110
Turbidity Meter	Hach 2100Q	

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24025630		
pH (SU)	4.00	24026630	NA	
pH (SU)	7.00	24021711		NA
pH (SU)	10.00	24022784		
D.O. (%)	N/A			
ORP (mV)	228.0	24024843		

Calibration

Time Start

Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490		± 10% of standard	EPA 2023
pH (SU)	4.00	4.07		± 0.1	GWMP
pH (SU)	7.00	7.062		± 0.1	GWMP
pH (SU)	10.00	10.15 10.15		± 0.1	GWMP
D.O. (%)	N/A	97.1		± 10%	NA
ORP (mV)	228.0	223.9		± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.4	± 10% of standard	EPA 2023
	100	98.6		
	800	795		
	10	7.98 9.84		

Calibration Check

Time Start

Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)			± 10% of standard	EPA 2023

Notes:

ATTACHMENT D

Certified Well Survey

Georgia Power Plant Scherer Juliette, Georgia									
Monitoring Well Survey									
Well ID	Casing	Casing	Casing	Casing	Top of Casing	Control Nail	Control Nail	Control Nail	Ground
	Latitude	Longitude	Northing	Easting	Elevation	Northing	Easting	Elevation	Elevation
SGWC-10A	N33°05'01.78"	W83°48'56.93"	1121888.598	2404043.984	509.494	1121887.747	2404043.580	507.143	506.900
Benchmark			Northing	Easting	Elevation				
SGWC-10 (Nail)			1121896.530	2404047.190	506.800				

Coordinates and elevation are based upon existing control nail SGWC-10.
A Trimble R12 RTK GPS and Trimble Dini level were used to collect horizontal position and elevation data.
Elevations for each point were established by running closed level loops with Trimble Dini level.





11/4/2025

Johnny E. Holley — date
Georgia Registration Number LS003550
Thompson Engineering Certificate of Authorization LSF-1151



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